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Surface Water Data

Yukon and Northwest Territories

Données sur les eaux de surface

Yukon et Territoires du Nord-Ouest

1990

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1991

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1991

92-02673/

Printed on paper that contains recovered waste

Imprimé sur du papier à base de matériels récupérés

Published by authority of
the Minister of the Environment

Publié avec l'autorisation
du ministre de l'Environnement

©Minister of Supply and Services Canada 1991
Cat. No. En 36-406/1990
ISBN 0-662-58662-X

©Ministre des Approvisionnements et Services Canada 1991
N° de cat. En 36-406/1990
ISBN 0-662-58662-X

PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1990 calendar year, the results of the hydrometric survey investigations which were made in the Yukon and Northwest Territories by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X1A 2R2
(403 920-8500)

Water Resources Branch,
Department of the Environment,
Conservation and Protection,
224 West Esplanade,
North Vancouver, B.C.
V7M 3H7
(604 666-3606)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1990, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués au Yukon et dans les Territoires du Nord-Ouest.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X1A 2R2
(403 920-8500)

Direction des ressources en eau
Ministère de l'Environnement
Conservation et Protection
224 Esplanade ouest
North Vancouver, (C.-B)
V7M 3H7
(604 666-3606)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1990, the hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation, as early as 1934 but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

CO—OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal — Ministry of Transport;
United States Geological Survey.

Territorial — The Yukon Electrical Company Ltd.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1990, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris sont programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral — Ministère des transports,
United States Geological Survey.

Territorial — *The Yukon Electrical Company Ltd.*

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit − 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit − 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

AISHIHIK LAKE NEAR WHITEHORSE - STATION NO. 08AA005

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.783	2.568E	2.337	2.104	1.921	2.009	2.490	2.729	2.789	2.869	2.816	2.613	1
2	2.778	2.560E	2.328	2.094	1.920	2.034	2.498	2.723	2.788	2.873	2.812	2.602	2
3	2.774	2.549A	2.321	2.084	1.917	2.050	2.514	2.721	2.775	2.878	2.803	2.592	3
4	2.770	2.540E	2.309	2.073	1.914	2.068	2.535	2.714	2.791	2.870	2.793	2.575	4
5	2.768	2.530E	2.305	2.071	1.920	2.082	2.541	2.724	2.783	2.859	2.787	2.569	5
6	2.760	2.522E	2.299	2.064	1.923	2.108	2.547	2.723	2.797	2.860	2.784	2.574	6
7	2.756	2.515E	2.291	2.061	1.917	2.126	2.552	2.720	2.805	2.860	2.782	2.581	7
8	2.746	2.505E	2.280	2.052	1.913	2.141	2.564	2.716	2.801	2.869	2.769	2.581	8
9	2.742	2.496E	2.275	2.041	1.915	2.166	2.579	2.710	2.792	2.882	2.757	2.573	9
10	2.733	2.488E	2.266	2.035	1.915	2.190	2.585	2.718	2.792	2.865	2.746	2.575	10
11	2.723	2.479E	2.255	2.028	1.916	2.217	2.589	2.733	2.808	2.867	2.737	2.569	11
12	2.721	2.470E	2.250	2.019	1.917	2.235	2.614	2.745	2.783	2.874	2.739	2.563	12
13	2.707	2.462E	2.242	2.010	1.917	2.236	2.614	2.751	2.783	2.872	2.733	2.557	13
14	2.698	2.454E	2.238	2.005	1.918	2.234	2.625	2.750	2.780	2.865	2.728	2.557	14
15	2.694	2.445E	2.231	1.997	1.917	2.268	2.636	2.745	2.812	2.867	2.725	2.558	15
16	2.690	2.437E	2.220	1.986	1.916	2.270	2.653	2.736	2.822	2.868	2.717	2.547	16
17	2.684	2.428E	2.215	1.981	1.917	2.288	2.672	2.730	2.818	2.871	2.708	2.539	17
18	2.675	2.420E	2.209	1.973	1.920	2.304	2.681	2.730	2.825	2.862	2.701	2.534	18
19	2.670	2.410E	2.205	1.966	1.927	2.321	2.692	2.718	2.812	2.854	2.693	2.533	19
20	2.663	2.402E	2.190	1.963	1.927	2.328	2.695	2.728	2.821	2.867	2.691	2.530	20
21	2.657	2.395E	2.180	1.957	1.914	2.335	2.694	2.748	2.831	2.861	2.684	2.528	21
22	2.654	2.385E	2.175	1.952	1.936	2.351	2.709	2.772	2.842	2.854	2.676	2.529	22
23	2.648	2.377A	2.168	1.949	1.944	2.364	2.716	2.771	2.84	2.857	2.667	2.517	23
24	2.642	2.373	2.163	1.942	1.948	2.397	2.703	2.776	2.83	2.848	2.660	2.507	24
25	2.631	2.374	2.155	1.940	1.950	2.411	2.691	2.774	2.845	2.851	2.655	2.501	25
26	2.620	2.357	2.149	1.938	1.949	2.424	2.699	2.761	2.846	2.851	2.648	2.507	26
27	2.609	2.343	2.136	1.933	1.953	2.436	2.700	2.757	2.843	2.858	2.642	2.492	27
28	2.603	2.343	2.125	1.926	1.963	2.441	2.694	2.781	2.860	2.847	2.631	2.478	28
29	2.595		2.123	1.927	1.970	2.453	2.698	2.792	2.856	2.838	2.627	2.489	29
30	2.585E		2.119	1.924	1.985	2.478	2.714	2.797	2.852	2.831	2.620	2.487	30
31	2.575E		2.110		1.996		2.729	2.789		2.827		2.465	31
MEAN	2.689	2.451	2.222	2.000	1.931	2.259	2.633	2.745	2.814	2.860	2.718	2.542	MEAN
MAX	2.783	2.568	2.337	2.104	1.996	2.478	2.729	2.797	2.860	2.882	2.816	2.613	MAX
MIN	2.575	2.343	2.110	1.924	1.913	2.009	2.490	2.710	2.775	2.827	2.620	2.465	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 2.489
MAXIMUM DAILY, 2.882 ON OCT 09
MINIMUM DAILY, 1.913 ON MAY 08
MAXIMUM INSTANTANEOUS,
2.923 AT 15:57 YST ON OCT 09

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 53 N
LONG 136 59 53 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1974.

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 08AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2	15.9	15.6	13.2	16.4	6.17	9.65	8.08	6.95	3.40E	11.5E	11.0 E	1
2	13.0	15.9	15.5	13.2	16.4	5.82	9.84	7.42	7.05	3.09E	13.7E	9.46E	2
3	12.9	15.8	15.4	13.2	16.4	4.94	9.77	7.36	7.25	2.91E	13.7E	9.09A	3
4	13.5	15.8	15.4	12.9	16.3	5.35	8.55	7.19	7.33	2.35E	13.6E	6.75E	4
5	14.3	15.4	15.4	13.3	16.5	5.24	6.29	7.13	7.63	5.70E	13.6E	6.00E	5
6	14.3	15.4	15.1	14.0	16.6	4.88	4.50	7.11	7.70	5.68E	13.7E	5.59E	6
7	14.3	15.4	15.2	14.1	16.8	4.37	3.36	7.16	7.66	5.65E	14.1E	6.80E	7
8	14.2	15.3	12.4	14.0	16.7	3.58	1.35A	7.20	7.30	5.61E	14.5E	7.30E	8
9	14.3	15.1	14.6	14.7	16.5	2.87	1.31E	7.02	7.20E	5.59E	14.5E	7.72E	9
10	14.6	15.1	14.6	16.0	16.0	2.60	1.30E	6.45	6.50E	5.57E	14.5E	8.05E	10
11	15.6	15.0	14.4	16.5	15.2	2.50	1.27E	5.82	5.60E	5.57E	14.4E	8.80E	11
12	15.6	15.5	14.5	16.4	15.4	2.22	1.22E	5.73	4.80E	5.68E	14.4E	9.40E	12
13	15.6	16.2	14.5	16.5	15.5	1.98	1.20E	5.85	4.10E	5.75E	14.4E	9.80E	13
14	15.6	16.4	14.5	16.4	15.4	1.68	1.45E	5.26	3.50E	5.83E	14.4E	10.2 E	14
15	15.5	16.5	14.4	16.2	15.6	1.59	1.65F	4.56	2.60E	5.90E	14.3E	10.6 E	15
16	15.4	16.5	14.3	16.3	15.7	1.33	1.85E	4.65	2.10E	6.08E	14.3E	10.9 E	16
17	15.8	16.4	14.3	16.2	15.8	0.927	2.15E	4.79	3.00E	6.45E	14.3E	11.2 E	17
18	16.5	16.4	14.2	16.0	15.9	0.848	1.40E	4.60	3.60E	7.55E	14.3E	11.4 E	18
19	16.5	16.4	14.1	16.1	15.9	0.793	4.70E	4.66	3.85E	8.00E	14.2E	11.4 E	19
20	16.5	16.2	13.8	16.4	16.1	0.831	5.60E	4.63	3.95E	8.35E	14.2E	11.4 E	20
21	16.4	15.9	13.8	16.4	16.0	0.773	6.40E	4.73	4.00E	8.55E	14.2E	11.5 E	21
22	16.3	15.8	13.7	16.4	16.0	0.737	6.60E	4.70	4.03E	8.54E	14.2E	12.0 E	22
23	16.4	15.8	13.7	16.2	16.0	2.32	6.80E	4.76	4.07E	8.53E	14.1E	12.3 E	23
24	16.3	16.0	13.6	16.3	15.5	5.47	6.90E	5.01	4.10E	8.60E	14.1E	12.2 E	24
25	16.2	15.9	13.7	15.9	15.7	5.61	7.00E	4.98	4.12E	8.70E	14.1E	12.2 E	25
26	16.0	15.8	13.5	15.6	14.7	6.87	7.10E	5.03	4.14A	8.72E	14.0E	12.1 E	26
27	16.0	15.6	13.5	15.8	14.0	8.66	7.29A	5.49	4.11E	8.78E	14.0E	12.0 E	27
28	15.8	15.7	13.5	15.8	13.6	8.94	7.92	6.00	4.03E	8.80E	14.0E	11.9 E	28
29	15.8		13.5	16.0	12.4	9.16	8.58	6.10	3.88E	8.80E	13.9E	11.9 E	29
30	15.8		13.4	16.2	10.9	9.44	8.52	6.45	3.68E	8.80E	12.5E	11.9 E	30
31	15.8		13.3		7.60		8.72	6.71		8.85E		11.8 E	31
TOTAL	474.0	443.1	441.4	462.2	473.50	118.199	162.24	182.63	149.91	210.38	419.7	314.66	TOTAL
MEAN	15.3	15.8	14.2	15.4	15.3	3.94	5.23	5.89	5.00	6.79	14.0	10.2	MEAN
MAX	16.5	16.5	15.6	16.5	16.8	9.44	9.84	8.08	7.70	8.85	14.5	12.3	MAX
MIN	12.9	15.0	12.4	12.9	7.60	0.737	1.20	4.56	2.18	3.09	11.5	5.59	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 16.8 ON MAY 07
MINIMUM DAILY, 0.737 ON JUN 22
MAXIMUM INSTANTANEOUS,
17.0 AT 09:25 YST ON MAY 08

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 04 N
LONG 136 59 24 W
DRAINAGE AREA, 2 960 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 000	JUL	14 000
FEB	38 300	AUG	15 800
MAR	38 100	SEP	13 000
APR	39 900	OCT	18 200
MAY	40 900	NOV	36 300
JUN	10 200	DEC	27 200

TOTAL DISCHARGE, 333 000 dam³

YUKON TERRITORY

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.6B	51.0B	44.0B	84.0B	155B	556	552	736	502	230	65.0B	36.2B	1
2	57.6B	50.5B	44.5B	86.0B	160B	562	575	675	437	199	64.5B	35.3B	2
3	57.6B	50.5B	44.5B	90.0B	180B	554	568	643	420	178	64.1B	35.1B	3
4	57.6B	50.5B	44.0B	92.0B	200B	559	552	676	464	162	64.0B	35.1B	4
5	57.5B	50.0B	44.0B	93.0B	220B	559	549	676	493	149	63.7B	35.3B	5
6	57.5B	49.5B	43.5B	95.0B	240B	551	555	631	547	137	62.3B	35.8B	6
7	57.5B	49.0B	43.5B	96.0B	253	551	548	620	618	132	56.5B	36.0B	7
8	57.4B	48.5B	43.0B	97.0B	258	549	544	601	555	137	52.5B	36.4B	8
9	57.4B	48.0B	42.5B	97.0B	271	546	539	598	509	136	51.7B	36.8B	9
10	57.3B	47.0B	42.5B	97.0B	281	543	528	674	549	126	51.5B	36.9B	10
11	57.3B	46.5B	43.0B	97.0B	289	534	524	783	548	119	50.5B	37.0B	11
12	57.2B	46.5B	43.5B	97.0B	297	542	523	883	499	117	48.2B	36.4B	12
13	57.2B	46.0B	44.0B	97.0B	307	540	525	1 060	511	109	45.2B	35.8B	13
14	57.1B	46.0B	44.5B	97.0B	317	540	525	1 170	549	105	44.3B	35.2B	14
15	57.1B	46.0B	45.0B	97.0B	326	537	521	1 170	543	98.3	44.1B	35.1B	15
16	57.1B	45.5B	45.5B	97.5B	342	527	529	1 130	452	94.8	44.2B	35.1B	16
17	57.1B	45.0B	46.0B	98.0B	365	523	549	1 120	354	89.6	44.8B	35.3B	17
18	57.0B	45.0B	46.0B	100 B	383	522	603	1 050	295	83.5	45.1B	35.8B	18
19	57.0B	44.5B	46.0B	102 B	391	526	659	1 040	271	79.7	44.7B	36.0B	19
20	57.0B	44.0B	46.0B	115 B	404	528	713	1 060	266	77.5B	43.7B	36.4B	20
21	56.5B	44.0B	46.5B	120 B	427	522	739	902	320	75.8B	42.2B	36.8B	21
22	56.0B	43.5B	47.0B	120 B	443	515	730	707	457	75.0B	40.0B	37.2B	22
23	55.0B	43.5B	46.0B	121 B	424	506	745	648	694	74.8B	39.4B	37.9B	23
24	54.0B	43.0B	49.0B	123 B	395	505	775	630	678	74.3B	39.0B	38.0B	24
25	53.0B	43.0B	51.0B	125 B	383	517	813	612	579	74.0B	39.0B	38.0B	25
26	52.5B	43.5B	52.0B	129 B	393	519	804	611	505	73.5B	38.5B	37.8B	26
27	52.0B	43.5B	53.0B	145 B	429	523	761	648	413	72.8B	38.7B	36.9B	27
28	52.0B	44.0B	56.0B	154 B	484	550	721	757	349	72.1B	38.2B	36.7B	28
29	51.5B		64.0B	149 B	527	551	766	795	304	71.1B	38.0B	36.4B	29
30	51.0B		74.0B	150 B	553	540	827	680	271	70.0B	37.2B	36.2B	30
31	51.0B		80.0B		560		792	569		69.3B		36.1B	31
TOTAL	1 730.6	1 297.5	1 506.0	3 260.5	10 657	16 097	19 654	24 555	13 952	3 361.1	1 440.8	1 125.0	TOTAL
MEAN	55.8	46.3	48.6	109	344	537	634	792	465	108	48.0	36.3	MEAN
MAX	57.6	51.0	80.0	154	560	562	827	1 170	694	230	65.0	38.0	MAX
MIN	51.0	43.0	42.5	84.0	155	505	521	569	266	69.3	37.2	35.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 270
MAXIMUM DAILY, 1 170 ON AUG 14
MINIMUM DAILY, 35.1B ON DEC 03
MAXIMUM INSTANTANEOUS,
1 210 AT 20:57 YST ON AUG 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 09 N
LONG 137 58 27 W
DRAINAGE AREA, 16 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	150 000	JUL	1 700 000
FEB	112 000	AUG	2 120 000
MAR	130 000	SEP	1 210 000
APR	282 000	OCT	290 000
MAY	921 000	NOV	124 000
JUN	1 390 000	DEC	97 200

TOTAL DISCHARGE, 8 530 000 dam³

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	116	14.8	3.90	12.3	4.99	0.080B	0B	1
2	0B	0B	0B	0B	0 B	108	14.4	3.74	15.8	3.59	0.074B	0B	2
3	0B	0B	0B	0B	0 B	58.4	15.5	4.18	12.4	2.64 B	0.069B	0B	3
4	0B	0B	0B	0B	0 B	38.1	14.0	3.66	10.2	2.10 B	0.064B	0B	4
5	0B	0B	0B	0B	0 B	33.1	12.8	3.66	9.06	1.70 B	0.058B	0B	5
6	0B	0B	0B	0B	0 B	15.9	11.7	3.66	10.9	1.40 B	0.054B	0B	6
7	0B	0B	0B	0B	0 B	11.3	10.4	3.61	24.9	1.17 B	0.049B	0B	7
8	0B	0B	0B	0B	0 B	9.84	11.3	3.45	18.4	0.980B	0.045B	0B	8
9	0B	0B	0B	0B	0 B	8.98	8.03	3.39	14.6	0.840B	0.042B	0B	9
10	0B	0B	0B	0B	0 B	11.7	8.04	3.24	10.6	0.740B	0.039B	0B	10
11	0B	0B	0B	0B	0 B	17.8	7.91	3.25	9.51	0.620B	0.036B	0B	11
12	0B	0B	0B	0B	0 B	15.6	7.28	3.21	8.80	0.540B	0.033B	0B	12
13	0B	0B	0B	0B	0 B	25.4	9.56	3.11	8.87	0.460B	0.031B	0B	13
14	0B	0B	0B	0B	0 B	37.6	9.24	3.03	17.6	0.410B	0.028B	0B	14
15	0B	0B	0B	0B	1.00B	39.6	8.44	3.01	20.0	0.370B	0.026B	0B	15
16	0B	0B	0B	0B	3.00B	44.6	7.64	3.00	33.8	0.330B	0.024B	0B	16
17	0B	0B	0B	0B	8.00B	47.0	7.71	3.06	25.8	0.300B	0.022B	0B	17
18	0B	0B	0B	0B	19.0 B	43.7	6.56	2.98	18.6	0.270B	0.021B	0B	18
19	0B	0B	0B	0B	44.0 B	40.5	7.08	3.30	15.1	0.246B	0.019B	0B	19
20	0B	0B	0B	0B	76.0 B	36.5	5.89	3.56	12.9	0.226B	0.018B	0B	20
21	0B	0B	0B	0B	80.0 B	34.8	5.74	3.43	11.4	0.205B	0.017B	0B	21
22	0B	0B	0B	0B	74.0 B	40.0	6.28	3.30	10.1	0.188B	0.016B	0B	22
23	0B	0B	0B	0B	71.0 B	32.1	5.31	3.11	10.6	0.171B	0.014B	0B	23
24	0B	0B	0B	0B	96.0 B	27.9	5.65	3.15	11.5	0.158B	0.012B	0B	24
25	0B	0B	0B	0B	130 B	22.0	5.44	2.90	9.29	0.146B	0.011B	0B	25
26	0B	0B	0B	0B	145 B	20.8	5.62	2.82	7.45	0.134B	0.010B	0B	26
27	0B	0B	0B	0B	150 B	20.5	5.21	3.37	7.73	0.123B	0.008B	0B	27
28	0B	0B	0B	0B	142 B	19.3	4.79	5.32	5.28	0.114B	0.006B	0B	28
29	0B		0B	0B	130 B	17.5	4.52	6.41	5.53	0.104B	0.003B	0B	29
30	0B		0B	0B	120 B	16.5	4.73	7.99	5.43	0.095B	0 B	0B	30
31	0B		0B		116 B		4.41	7.19		0.088B		0B	31
TOTAL	0	0	0	0	1 405.00	1 011.02	255.98	116.99	394.45	25.448	0.929	0	TOTAL
MEAN	0	0	0	0	45.3	33.7	8.26	3.77	13.1	0.821	0.031	0	MEAN
MAX	0	0	0	0	150	116	15.5	7.99	33.8	4.99	0.080	0	MAX
MIN	0	0	0	0	0	8.98	4.41	2.82	5.28	0.088	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.79
MAXIMUM DAILY, 150B ON MAY 27
MINIMUM DAILY, 0B ON JAN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 50 22 N
LONG 138 40 05 W
DRAINAGE AREA, 1 510 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	22 100
FEB	0	AUG	10 100
MAR	0	SEP	34 100
APR	0	OCT	2 200
MAY	121 000	NOV	80.3
JUN	87 400	DEC	0

TOTAL DISCHARGE, 277 000 dam³

YUKON TERRITORY

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.2B	14.8B	16.1B	18.3B	72.0	548	196	62.0E	61.0E	46.0A	31.3B	19.5B	1
2	18.3B	14.6B	15.9B	18.0B	88.9	413	169	70.0E	66.0E	45.5	28.0B	18.9B	2
3	17.6B	14.9B	16.2B	17.7B	107	319	143	78.0E	61.0E	47.7	26.2B	19.4B	3
4	17.4B	15.0B	16.4B	17.6B	137	267	127	88.0E	60.0E	49.5	26.6B	20.5B	4
5	17.3B	15.0B	16.6B	17.6B	175	229	118	82.0E	76.0E	49.3	28.2B	21.6B	5
6	17.3B	15.1B	16.4B	17.5B	256	210	110	78.0E	88.0E	46.6	29.7B	22.5B	6
7	17.5B	15.2B	16.2B	17.4B	265	202	99.9	115 E	83.0E	44.8	29.8B	23.2B	7
8	17.5B	14.9B	15.8B	17.5B	213	210	94.3	180 E	76.0E	45.9	28.8B	23.7B	8
9	17.6B	14.8B	15.6B	17.6B	213	183	90.6	230 E	70.0E	47.6	27.4B	23.8B	9
10	17.5B	15.0B	15.6B	17.9B	202	155	84.6	191 A	61.5	50.5	26.8B	23.6B	10
11	17.6B	15.2B	15.7B	18.5B	171	136	79.4	160 E	58.6	50.4	27.2B	22.9B	11
12	17.7B	15.0B	16.1B	18.6B	158	120	74.6	130 E	58.3	48.9	27.4B	23.0B	12
13	17.9B	15.0B	16.6B	18.8B	166	114	107	112 E	57.6	47.7	27.8B	23.1B	13
14	18.1B	15.0B	16.8B	19.1B	190	111	217	100 E	55.0A	44.3	27.5B	22.8B	14
15	18.2B	15.0B	16.9B	19.8B	231	102	160	91.0E	52.0E	40.8	27.2B	22.6B	15
16	17.8B	14.8B	16.7B	20.3B	270	94.2	130	84.0E	51.5E	35.4	27.5B	22.5B	16
17	17.4B	15.1B	16.5B	21.4B	307	90.3	123	76.5E	49.3E	40.6	27.0B	22.2B	17
18	17.2B	15.3B	16.4B	22.5B	302	85.6	120	71.5E	47.5E	41.4	27.3B	21.1B	18
19	17.4B	15.1B	16.2B	23.3B	297	79.3	109	68.0E	47.0E	43.9	27.4B	20.3B	19
20	17.5B	15.0B	16.1B	24.6B	280	75.0	102	65.0E	48.0E	41.7	27.3B	20.1B	20
21	17.6B	14.9B	16.0B	24.8B	290	71.2	95.5	62.0E	50.0E	39.5B	27.2B	20.8B	21
22	17.3B	14.8B	16.1B	24.4B	328	68.0	91.7	63.0E	50.3E	39.2B	26.0B	21.0B	22
23	17.0B	14.7B	16.3B	23.7B	350	67.9	90.7	69.0E	49.0E	39.1B	24.9B	19.9B	23
24	16.5B	14.9B	16.5B	22.8B	322	70.8	89.8	74.0E	47.5E	37.0B	24.0B	19.5B	24
25	16.3B	15.3B	16.9B	22.9B	282	93.1	86.5	83.5E	44.5E	34.2B	23.4B	20.2B	25
26	15.8B	15.7B	17.2B	26.4B	270	146	81.2	80.0E	43.3E	31.5E	23.0B	20.0B	26
27	15.3B	16.2B	17.6B	32.0B	290	195	76.1	75.0E	46.0E	30.3B	23.1B	19.7B	27
28	15.1B	16.3B	17.8B	40.0B	333	184	72.5	70.0E	45.0E	30.2B	23.0B	19.2B	28
29	15.0B		18.2B	49.0B	315	159	70.0	66.5E	42.3E	30.8B	23.0B	18.3B	29
30	14.9B		18.6B	60.1	285	170	68.0E	63.0E	44.0E	31.9B	22.2B	17.2B	30
31	14.8B		18.5B		523		66.0E	59.5E		32.0B		16.9B	31
TOTAL	529.6	422.8	514.5	710.1	7 688.9	4 968.4	3 342.4	2 897.5	1 697.2	1 284.1	796.2	650.0	TOTAL
MEAN	17.1	15.1	16.6	23.7	248	166	108	93.5	56.6	41.4	26.5	21.0	MEAN
MAX	19.2	16.3	18.6	60.1	523	548	217	230	88.0	50.5	31.3	23.8	MAX
MIN	14.8	14.7	15.6	17.4	72.0	67.9	66.0	59.5	42.3	30.2	22.2	16.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 69.9
MAXIMUM DAILY, 548 ON JUN 01
MINIMUM DAILY, 14.7B ON FEB 23
MAXIMUM INSTANTANEOUS,
615 AT 21:40 YST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 52 N
LONG 124 53 21 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45 800	JUL	289 000
FEB	36 500	AUG	250 000
MAR	44 500	SEP	147 000
APR	61 400	OCT	111 000
MAY	664 000	NOV	68 800
JUN	429 000	DEC	56 200

TOTAL DISCHARGE, 2 200 000 dam³

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.899	1.494	1.054	0.616	0.355	1.001	1.894	2.451	2.819	2.731	---	---	1
2	1.885	1.481	1.042	0.603	0.354	1.124	1.928	2.477	2.808	2.713	---	---	2
3	1.874	1.467	1.026	0.590	0.351	1.221	1.966	2.515	2.789	2.700	---	---	3
4	1.860	1.453	1.010	0.577	0.355	1.289	1.999	2.498	2.772	2.665	---	---	4
5	1.857	1.443	1.005	0.560	0.350	1.337	2.035	2.495	2.766	2.654	---	---	5
6	1.854	1.426	0.990	0.543	0.351	1.379	2.060	2.521	2.765	2.629	2.148A	2.050A	6
7	1.855	1.408	0.971	0.521	0.358	1.420	2.088	2.521	2.765	2.611	---	2.048A	7
8	1.850	1.399	0.957	0.510	0.357	1.447	2.111	2.524	2.760	2.597	---	---	8
9	1.850	1.395	0.940	0.504	0.359	1.484	2.143	2.521	2.743	2.550	---	---	9
10	1.839	1.367	0.926	0.494	0.362	1.499	2.166	2.562	2.719	2.528	---	---	10
11	1.826	1.359	0.911	0.479	0.379	1.509	2.183	2.580	2.698	2.492	---	---	11
12	1.806	1.354	0.890	0.467	0.401	1.514	2.190	2.614	2.702	2.461	---	---	12
13	1.790	1.322	0.879	0.454	0.419	1.539	2.199	2.647	2.689	2.430	---	---	13
14	1.771	1.302	0.861	0.445	0.451	1.568	2.195	2.677	2.679	2.395	---	---	14
15	1.760	1.287	0.855	0.432	0.487	1.599	2.191	2.709	2.680	2.368	---	---	15
16	1.753	1.270	0.830	0.415	0.520	1.624	2.191	2.729	2.673	2.346	---	---	16
17	1.731	1.252	0.816	0.412	0.552	1.633	2.197	2.744	2.660	2.313	---	---	17
18	1.702	1.233	0.797	0.405	0.583	1.644	2.210	2.757	2.649	2.276	---	---	18
19	1.684	1.229	0.783	0.397	0.606	1.648	2.231	2.785	2.633	2.271	---	---	19
20	1.676	1.223	0.771	0.390	0.628	1.656	2.254	2.811	2.618	2.245	---	---	20
21	1.658	1.196	0.768	0.384	0.659	1.664	2.272	2.810	2.610	2.217	---	---	21
22	1.643	1.174	0.757	0.382	0.682	1.684	2.290	2.809	2.627	2.188	---	---	22
23	1.636	1.154	0.745	0.379	0.706	1.706	2.304	2.823	2.691	2.170	---	1.956A	23
24	1.617	1.146	0.730	0.367	0.717	1.708	2.336	2.822	2.746	2.155	---	1.948A	24
25	1.595	1.124	0.715	0.363	0.730	1.719	2.352	2.816	2.770	2.124	---	1.922A	25
26	1.581	1.113	0.699	0.365	0.732	1.741	2.362	2.827	2.774	2.108	---	1.910A	26
27	1.561	1.094	0.686	0.359	0.745	1.767	2.371	2.831	2.783	2.120	---	---	27
28	1.553	1.071	0.671	0.360	0.747	1.794	2.371	2.832	2.775	2.114	---	---	28
29	1.537		0.664	0.360	0.791	1.821	2.377	2.824	2.778	2.111	---	---	29
30	1.524		0.651	0.362	0.845	1.849	2.395	2.820	2.761	2.100A	---	---	30
31	1.516		0.633		0.900		2.428	2.818		2.104E		---	31
MEAN	1.727	1.294	0.840	0.450	0.542	1.553	2.203	2.684	2.723	2.371	---	---	MEAN
MAX	1.899	1.494	1.054	0.616	0.900	1.849	2.428	2.832	2.819	2.731	---	---	MAX
MIN	1.516	1.071	0.633	0.359	0.350	1.001	1.894	2.451	2.610	2.100	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.832 ON AUG 28
MINIMUM DAILY, 0.350 ON MAY 05
MAXIMUM INSTANTANEOUS,
2.836 AT 23:10 YST ON AUG 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 50 N
LONG 134 42 27 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.793 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ.)

YUKON TERRITORY

BIG CREEK AT KM 1084.8 ALASKA HIGHWAY - STATION NO. 10AA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	2.43B	2.63B	2.55B	5.37B	50.0E	18.3	5.98	4.56	5.40E	3.74B	3.20B	1
2	2.90B	2.41B	2.67B	2.54B	5.69A	48.0E	18.4	5.84	4.53	5.00E	3.73B	3.12B	2
3	2.82B	2.39B	2.68B	2.53B	5.73	44.0E	16.7	5.61	4.49	4.74A	3.72B	3.05B	3
4	2.78B	2.38B	2.69B	2.51B	6.17	41.0E	15.7	5.48	4.45	4.74	3.75B	3.01B	4
5	2.70B	2.37B	2.68B	2.49B	6.41	38.0E	14.8	5.40	4.52	4.67	3.80B	2.98B	5
6	2.64B	2.36B	2.67B	2.48B	7.67	36.0E	13.7	5.38	4.50	4.50	3.88B	2.99B	6
7	2.59B	2.34B	2.65B	2.47B	9.20	35.0E	13.1	5.33	4.51	4.65	3.82B	2.90B	7
8	2.59B	2.32B	2.63B	2.47B	9.90	35.0E	12.2	5.24	4.37	4.70	3.68B	2.87B	8
9	2.60B	2.31B	2.61B	2.47B	10.9	34.5E	11.7	5.12	4.36	4.93	3.50B	2.85B	9
10	2.61B	2.30B	2.59B	2.49B	12.2	34.0E	11.2	5.15	4.41	4.91	3.30B	2.86B	10
11	2.62B	2.29B	2.54B	2.50B	12.0	33.6E	10.6	5.06	4.30	4.62	3.15B	2.90B	11
12	2.64B	2.30B	2.51B	2.52B	11.8	30.4E	10.2	4.93	4.34	4.64	3.00B	2.97B	12
13	2.69B	2.30B	2.49B	2.53B	11.8	28.2E	9.80	4.81	4.35	4.58	3.04B	2.99B	13
14	2.70B	2.31B	2.49B	2.60B	12.5	27.9E	9.50	4.72	4.32	4.25B	3.08B	2.97B	14
15	2.71B	2.32B	2.51B	2.68B	14.1	27.1E	9.37	5.03	4.28	4.21B	3.14B	2.90B	15
16	2.76B	2.32B	2.52B	2.78B	17.6	26.6	9.65	5.22	4.37	4.20B	3.20B	2.83B	16
17	2.87B	2.33B	2.53B	2.88B	19.4	24.1	9.91	5.62	4.43	3.93B	3.25B	2.73B	17
18	2.91B	2.34B	2.55B	2.95B	20.6	21.1	10.9	5.97	4.59	3.50B	3.30B	2.65B	18
19	2.92B	2.35B	2.57B	3.09B	21.1	19.0	9.44	4.73	4.88	2.96B	3.20B	2.61B	19
20	2.90B	2.36B	2.55B	3.20B	19.8	17.7	8.84	4.71	5.28	3.00B	3.10B	2.60B	20
21	2.89B	2.37B	2.50B	3.30B	20.2	16.4	8.57	4.59	4.86	3.10B	3.05B	2.63B	21
22	2.86B	2.41B	2.47B	3.45B	22.6	16.1	8.51	4.59	4.95	3.20B	3.00B	2.69B	22
23	2.80B	2.45B	2.45B	3.60B	21.6	17.6	8.41	4.60	5.32	3.30B	2.98B	2.78B	23
24	2.78B	2.49B	2.47B	3.80B	18.7	16.6	8.26	4.56	5.34	3.40B	2.95B	2.80B	24
25	2.72B	2.51B	2.50B	3.98B	16.7	16.4	8.07	4.51	5.57	3.50B	2.96B	2.78B	25
26	2.70B	2.53B	2.51B	4.20B	17.8	17.1	7.27	4.44	5.53	3.60B	3.00B	2.72B	26
27	2.62B	2.57B	2.52B	4.35B	18.7	18.1	6.97	4.41	5.63	3.65B	3.10B	2.68B	27
28	2.59B	2.60B	2.53B	4.60B	22.7	17.4	6.67	4.42	5.79	3.70B	3.18B	2.60B	28
29	2.52B		2.55B	4.80B	26.4	16.1	6.63	4.43	6.17A	3.75B	3.24B	2.55B	29
30	2.49B		2.56B	5.00B	26.8 E	17.3	6.41	4.42	5.90E	3.76B	3.23B	2.50B	30
31	2.45B		2.58B		35.0 E		6.18	4.48		3.75B		2.45B	31
TOTAL	84.37	66.76	79.40	93.81	487.14	820.3	325.96	153.18	144.90	126.84	99.07	87.16	TOTAL
MEAN	2.72	2.38	2.56	3.13	15.7	27.3	10.5	4.94	4.83	4.09	3.30	2.81	MEAN
MAX	3.00	2.60	2.69	5.00	35.0	50.0	18.4	5.98	6.17	5.40	3.88	3.20	MAX
MIN	2.45	2.29	2.45	2.47	5.37	16.1	6.18	4.41	4.28	2.96	2.95	2.45	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.04
MAXIMUM DAILY, 50.0E ON JUN 01
MINIMUM DAILY, 2.29B ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 30 N
LONG 129 42 10 W
DRAINAGE AREA, 607 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 290	JUL	28 200
FEB	5 770	AUG	13 200
MAR	6 860	SEP	12 500
APR	8 110	OCT	11 000
MAY	42 100	NOV	8 560
JUN	70 900	DEC	7 530

TOTAL DISCHARGE, 222 000 dam³

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.354B	0.168B	0.094B	0.100B	140 A	22.5	20.9	2.72	12.8	14.4	1.76 B	0.498B	1
2	0.348B	0.156B	0.091B	0.110B	138 E	19.5	23.2	2.82	11.9	13.5	1.66 B	0.486B	2
3	0.341B	0.144B	0.087B	0.120B	129 E	15.2	26.8	2.80	11.5	12.6	1.56 B	0.474B	3
4	0.336B	0.132B	0.083B	0.130B	113 E	12.8	22.6	2.62	12.3	10.9	1.46 B	0.462B	4
5	0.330B	0.120B	0.080B	0.150B	106 E	11.5	18.3	2.31	22.1	9.42	1.38 B	0.450B	5
6	0.324B	0.115B	0.076B	0.190B	108 E	14.4	14.6	2.33	24.7	8.92B	1.32 B	0.434B	6
7	0.318B	0.111B	0.072B	0.230B	115 E	15.0	12.3	2.29	29.2	8.45B	1.26 B	0.418B	7
8	0.312B	0.106B	0.069B	0.260B	125 E	14.7	10.5	2.02	26.4	8.50B	1.20 B	0.402B	8
9	0.305B	0.102B	0.065B	0.320B	132 E	12.9	9.22	1.89	23.0	7.80B	1.14 B	0.386B	9
10	0.299B	0.097B	0.061B	0.400B	139 E	11.6	8.86	2.04	26.4	7.40B	1.08 B	0.370B	10
11	0.293B	0.097B	0.058B	0.520B	136 E	10.3	7.87	1.88	26.2	7.08B	1.04 B	0.360B	11
12	0.287B	0.096B	0.054B	0.820B	120 E	10.9	6.94	1.81	29.5	6.77B	1.00 B	0.350B	12
13	0.281B	0.097B	0.050B	1.10 B	104 E	11.3	6.36	1.60	26.7	6.45B	0.960B	0.340B	13
14	0.275B	0.100B	0.047B	2.10 B	87.5E	10.0	6.26	1.62	21.7	6.10B	0.920B	0.330B	14
15	0.269B	0.102B	0.043B	2.70 B	75.0E	9.16	6.02	1.45	19.0	5.60B	0.880B	0.320B	15
16	0.263B	0.105B	0.039B	3.55 B	64.0E	9.51	5.54	1.54	17.3	5.18B	0.850B	0.304B	16
17	0.257B	0.107B	0.036B	4.60 B	55.0E	9.70	5.45	1.36	15.9	4.76B	0.830B	0.288B	17
18	0.250B	0.110B	0.032B	5.95 B	47.0E	14.3	5.05	1.08	14.6	4.34B	0.800B	0.272B	18
19	0.244B	0.112B	0.027B	7.93 B	40.5E	28.5	4.92	1.31	14.3	3.92B	0.770B	0.256B	19
20	0.236B	0.115B	0.042B	10.3 B	40.1E	29.7	4.73	1.54	13.7	3.50B	0.745B	0.240B	20
21	0.229B	0.117B	0.046B	13.5 B	40.0E	21.9	4.43	1.33	13.5	3.10B	0.722B	0.236B	21
22	0.221B	0.120B	0.051B	18.0 B	42.7A	18.4	3.80	1.96	20.3	2.90B	0.699B	0.232B	22
23	0.214B	0.116B	0.056B	23.2 B	56.8	17.8	3.45	3.57	21.0	2.74B	0.676B	0.228B	23
24	0.207B	0.113B	0.061B	30.0 B	40.4	18.4	3.18	4.73	18.5	2.60B	0.653B	0.224B	24
25	0.200B	0.109B	0.067B	40.0 B	30.5	36.5	2.99	4.21	17.1	2.50B	0.630B	0.220B	25
26	0.197B	0.105B	0.072B	53.0 B	26.5	29.0	3.04	3.72	16.9	2.37B	0.606B	0.217B	26
27	0.194B	0.102B	0.077B	69.0 B	26.6	20.1	3.01	3.70	16.6	2.28B	0.582B	0.214B	27
28	0.191B	0.098B	0.082B	95.0 B	27.9	16.0	3.23	6.07	15.7	2.18B	0.558B	0.211B	28
29	0.187B		0.088B	129	25.7	17.1	3.10	14.9	15.3	2.10B	0.534B	0.207B	29
30	0.184B		0.093B	142	25.6	22.6	3.14	15.9	15.1	2.00B	0.510B	0.204B	30
31	0.180B		0.098B		24.0		3.04	14.1		1.90B		0.200B	31
TOTAL	8.127	3.172	2.007	654.280	2 380.8	510.97	262.83	113.22	569.2	182.26	28.785	9.833	TOTAL
MEAN	0.262	0.113	0.065	21.8	76.8	17.0	8.48	3.65	19.0	5.88	0.960	0.317	MEAN
MAX	0.354	0.168	0.098	142	140	36.5	26.8	15.9	29.5	14.4	1.76	0.498	MAX
MIN	0.180	0.096	0.032	0.100	24.0	9.16	2.99	1.08	11.5	1.90	0.510	0.200	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 142 ON APR 30
MINIMUM DAILY, 0.032B ON MAR 18
MAXIMUM INSTANTANEOUS,
147 AT 09:55 YST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 34 07 N
LONG 137 00 58 W
DRAINAGE AREA, 1 750 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	702	JUL	22 700
FEB	274	AUG	9 780
MAR	173	SEP	49 200
APR	56 500	OCT	15 700
MAY	206 000	NOV	2 490
JUN	44 100	DEC	850

TOTAL DISCHARGE, 408 000 dam³

YUKON TERRITORY

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.1B	17.0B	15.7B	16.5B	49.9	358	154	84.9	74.7	94.0	42.0B	27.5B	1
2	21.0B	16.9B	15.7B	16.7B	48.8	340	151	81.6	73.8	90.9	41.5B	27.2B	2
3	20.5B	16.8B	15.7B	16.9B	45.8	255	152	79.1	74.5	88.0	41.7B	27.1B	3
4	20.0B	16.7B	15.7B	17.1B	42.6	223	153	75.9	87.9	85.3	41.9B	27.5B	4
5	19.8B	16.6B	15.7B	17.3B	43.0	228	147	73.4	149	79.0	42.2B	27.9B	5
6	19.6B	16.5B	15.7B	17.5B	42.8	279	139	71.6	143	73.2	42.6B	28.0B	6
7	19.5B	16.4B	15.7B	17.6B	39.9	273	135	71.2	140	76.5	42.4B	28.2B	7
8	19.4B	16.3B	15.7B	17.7B	38.5	260	131	69.4	138	78.4	41.0B	28.4B	8
9	19.3B	16.2B	15.7B	17.8B	44.9	249	124	67.8	124	78.7	39.5B	28.5B	9
10	19.2B	16.1B	15.7B	18.0B	60.9	236	120	67.1	121	75.2	37.0B	28.6B	10
11	19.1B	16.0B	15.7B	18.3B	72.3	218	118	66.0	117	72.9	35.3B	28.5B	11
12	19.1B	15.9B	15.7B	18.6B	75.8	207	114	64.2	116	72.4	34.9B	28.4B	12
13	19.0B	15.8B	15.7B	19.0B	77.9	202	110	62.5	112	71.1	34.8B	28.1B	13
14	19.0B	15.7B	15.7B	19.2B	81.1	202	108	60.8	107	69.2	34.5B	28.0B	14
15	19.1B	15.6B	15.8B	19.5B	87.4	199	103	59.7	103	64.0B	34.5B	27.7B	15
16	19.2B	15.5B	15.8B	19.8B	94.4	191	101	58.0	104	62.5B	34.5B	27.0B	16
17	19.2B	15.5B	15.8B	21.1B	101	183	102	56.5	102	61.0B	34.6B	26.8B	17
18	19.1B	15.5B	15.9B	21.4B	109	170	99.3	55.7	99.0	58.5B	35.1B	26.6B	18
19	19.1B	15.4B	15.9B	21.7B	117	158	97.7	56.5	101	47.9B	34.9B	26.7B	19
20	19.0B	15.4B	16.0B	22.0B	120	151	94.9	60.8	103	35.0B	34.4B	27.0B	20
21	18.9B	15.4B	16.0B	22.5B	128	145	90.6	64.1	99.8	54.0B	34.0B	27.8B	21
22	18.8B	15.4B	16.0B	23.0B	142	142	88.0	61.2	97.5	53.0B	33.1B	28.1B	22
23	18.7B	15.4B	16.0B	24.5B	139	142	86.1	60.3	98.2	51.5B	32.7B	28.2B	23
24	18.6B	15.4B	16.1B	26.5B	122	173	83.0	58.1	97.2	50.5B	32.0B	28.2B	24
25	18.5B	15.5B	16.1B	29.9B	120	271	79.8	56.2	98.8	49.0B	31.5B	28.2B	25
26	18.2B	15.5B	16.1B	32.0B	120	218	79.5	54.7	99.9	47.0B	30.6B	28.2B	26
27	18.0B	15.6B	16.1B	34.0B	137	180	77.6	55.7	94.8	47.0B	30.0B	28.2B	27
28	17.8B	15.6B	16.2B	40.3	183	165	76.5	60.5	92.3	47.2B	29.5B	28.1B	28
29	17.6B		16.2B	45.1	238	157	74.2	75.5	94.6	47.1B	28.7B	27.7B	29
30	17.4B		16.2B	47.3	271	155	72.6	85.8	97.7	45.0B	27.8B	27.1B	30
31	17.2B		16.4B		286		78.2	80.7		42.8B		26.5B	31
TOTAL	590.0	445.6	492.4	698.8	3 277.0	6 330	3 342.3	2 055.5	3 160.7	1 967.5	1 069.2	860.0	TOTAL
MEAN	19.0	15.9	15.9	23.3	106	211	108	66.3	105	63.5	35.6	27.7	MEAN
MAX	21.1	17.0	16.4	47.3	286	358	154	85.8	149	94.0	42.6	28.6	MAX
MIN	17.2	15.4	15.7	16.5	38.5	142	72.9	54.7	73.8	35.0	27.8	26.5	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.5
MAXIMUM DAILY, 358 ON JUN 01
MINIMUM DAILY, 15.4B ON FEB 19
MAXIMUM INSTANTANEOUS,
385 AT 00:49 YST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 22 N
LONG 134 50 00 W
DRAINAGE AREA, 6 760 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 000	JUL	289 000
FEB	38 500	AUG	178 000
MAR	42 500	SEP	273 000
APR	60 400	OCT	170 000
MAY	283 000	NOV	92 400
JUN	547 000	DEC	74 300

TOTAL DISCHARGE, 2 100 000 dam³

BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP - STATION NO. 10MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.332B	0.112B	0.023B	0.112B	0.430B	77.7	16.3	42.9	16.9	16.0 B	1.64 B	0.840B	1
2	0.324B	0.106B	0.022B	0.114B	0.475B	71.3	15.3	34.9	18.6	13.0 B	1.60 B	0.820B	2
3	0.316B	0.100B	0.023B	0.116B	0.510B	58.3	14.8	27.6	17.9	10.6 B	1.56 B	0.800B	3
4	0.308B	0.095B	0.024B	0.119B	0.570B	41.6	14.3	23.3	17.5	9.60B	1.52 B	0.775B	4
5	0.300B	0.090B	0.026B	0.122B	0.630B	46.5	13.8	30.9	18.0	9.00B	1.48 B	0.750B	5
6	0.290B	0.085B	0.027B	0.124B	0.700B	36.6	13.0	32.2	25.3	8.40B	1.45 B	0.728B	6
7	0.280B	0.080B	0.028B	0.126B	0.800B	25.8	12.7	29.2	32.5	7.80B	1.41 B	0.706B	7
8	0.270B	0.075B	0.030B	0.128B	0.910B	21.5	13.0	27.8	30.2	7.40B	1.38 B	0.684B	8
9	0.260B	0.070B	0.032B	0.131B	1.08 B	20.6	14.2	26.3	25.9	6.90B	1.35 B	0.662B	9
10	0.250B	0.065B	0.034B	0.134B	1.25 B	25.1	13.5	25.2	23.7	6.60B	1.31 B	0.640B	10
11	0.244B	0.061B	0.036B	0.138B	1.50 B	22.0	12.8	23.1	22.8	6.20B	1.28 B	0.622B	11
12	0.238B	0.057B	0.038B	0.142B	1.88 B	21.4	12.4	21.0	21.8	5.80B	1.25 B	0.604B	12
13	0.232B	0.054B	0.040B	0.146B	2.40 B	21.0	11.8	18.6	21.0	5.50B	1.23 B	0.586B	13
14	0.226B	0.052B	0.042B	0.151B	3.10 B	22.0	10.5	16.9	20.5	5.20B	1.21 B	0.568B	14
15	0.220B	0.050B	0.044B	0.156B	4.00 B	28.4	9.58	16.2	20.5	4.80B	1.19 B	0.550B	15
16	0.210B	0.047B	0.048B	0.162B	6.00 B	56.1	9.26	15.9	20.3	4.50B	1.17 B	0.535B	16
17	0.200B	0.044B	0.052B	0.169B	9.60 B	39.4	8.56	15.3	19.3	4.10B	1.15 B	0.520B	17
18	0.192B	0.042B	0.056B	0.176B	10.6 B	37.1	8.26	14.7	18.6	3.80B	1.13 B	0.505B	18
19	0.186B	0.040B	0.060B	0.189B	12.0 B	47.0	7.64	14.5	17.9	3.50B	1.11 B	0.490B	19
20	0.180B	0.038B	0.065B	0.202B	55.0 B	37.7	7.17	16.5	17.1	3.30B	1.10 B	0.475B	20
21	0.175B	0.036B	0.069B	0.212B	94.5	31.5	6.98	26.2	16.4	3.00B	1.07 B	0.462B	21
22	0.170B	0.034B	0.073B	0.225B	96.5	39.1	7.49	30.6	16.2	2.75B	1.04 B	0.449B	22
23	0.165B	0.032B	0.078B	0.238B	85.5	46.7	7.17	26.0	23.4	2.50B	1.02 B	0.436B	23
24	0.160B	0.030B	0.083B	0.252B	60.2	39.2	6.87	22.6	34.2	2.35B	0.990B	0.423B	24
25	0.155B	0.028B	0.088B	0.268B	53.9	32.2	9.76	20.5	30.2	2.20B	0.960B	0.410B	25
26	0.150B	0.026B	0.092B	0.290B	59.6	26.6	28.2	19.7	26.1	2.10B	0.940B	0.400B	26
27	0.145B	0.024B	0.096B	0.310B	66.1	23.9	27.2	19.4	22.9	1.96B	0.920B	0.391B	27
28	0.138B	0.023B	0.100B	0.335B	75.9	22.1	21.8	19.0	21.6	1.89B	0.900B	0.382B	28
29	0.131B		0.103B	0.360B	88.6	20.6	18.2	17.9	19.8	1.80B	0.880B	0.373B	29
30	0.124B		0.106B	0.390B	92.6	18.6	17.1	17.2	18.3B	1.72B	0.860B	0.364B	30
31	0.118B		0.110B		78.0		29.0	16.4		1.68B		0.355B	31
TOTAL	6.689	1.596	1.748	5.737	981.835	1 057.6	418.64	708.5	654.7	165.95	36.100	17.305	TOTAL
MEAN	0.216	0.057	0.056	0.191	31.7	35.3	13.5	22.9	21.8	5.35	1.20	0.558	MEAN
MAX	0.332	0.112	0.110	0.390	96.5	77.7	29.0	42.9	34.2	16.0	1.64	0.840	MAX
MIN	0.118	0.023	0.022	0.112	0.430	18.6	6.87	14.5	16.2	1.68	0.860	0.355	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 96.5 ON MAY 22
MINIMUM DAILY, 0.022B ON MAR 02
MAXIMUM INSTANTANEOUS,
104 AT 01:20 YST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 52 03 N
LONG 136 17 14 W
DRAINAGE AREA, 1 130 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	578	JUL	36 200
FEB	138	AUG	61 200
MAR	151	SEP	56 600
APR	496	OCT	14 300
MAY	84 800	NOV	3 120
JUN	91 400	DEC	1 500

TOTAL DISCHARGE, 350 000 dam³

YUKON TERRITORY

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.05B	5.55B	5.00B	4.80B	8.50B	423	124	83.5	86.3	158	34.0B	15.6B	1
2	7.95B	5.50B	4.98B	4.80B	9.20B	355	121	74.8	86.4	139	33.0B	15.5B	2
3	7.80B	5.50B	4.94B	4.80B	9.90B	298	117	68.5	81.5	124	32.0B	15.3B	3
4	7.70B	5.45B	4.92B	4.80B	10.6 B	283	111	67.7	79.0	112	31.5B	15.2B	4
5	7.60B	5.42B	4.90B	4.80B	11.2 B	282	106	77.0	79.0	101	30.7B	15.1B	5
6	7.57B	5.40B	4.90B	4.80B	12.0 B	229	101	77.2	105	90.3	29.8B	15.0B	6
7	7.50B	5.38B	4.90B	4.80B	12.8 B	182	101	72.8	126	85.0B	28.9B	14.9B	7
8	7.52B	5.34B	4.90B	4.81B	13.8 B	150	126	75.5	117	81.0B	27.5B	14.9B	8
9	7.38B	5.30B	4.90B	4.82B	15.0 B	151	111	69.2	106	76.0B	26.5B	14.7B	9
10	7.30B	5.22B	4.90B	4.84B	16.8 B	179	106	68.2	98.5	69.0B	25.5B	14.6B	10
11	7.20B	5.18B	4.88B	4.90B	19.0 B	173	105	67.5	91.9	66.0B	24.5B	14.5B	11
12	7.20B	5.16B	4.86B	4.95B	22.5 B	195	94.9	68.9	86.6	65.0B	23.5B	14.4B	12
13	7.20B	5.14B	4.82B	4.98B	25.0 B	200	83.9	66.9	87.9	60.0B	22.5B	14.2B	13
14	7.18B	5.10B	4.80B	5.00B	28.0 B	214	84.4	63.2	95.4	50.0B	21.5B	14.0B	14
15	7.10B	5.08B	4.80B	5.05B	30.4 B	227	81.0	60.9	105	44.0B	20.5B	13.8B	15
16	7.05B	5.08B	4.80B	5.10B	39.5 B	249	76.1	58.9	161	40.0B	20.0B	13.4B	16
17	7.00B	5.08B	4.79B	5.20B	49.0 B	257	73.2	62.5	157	36.0B	19.4B	13.1B	17
18	6.90B	5.08B	4.78B	5.30B	70.0 B	246	71.4	71.1	143	34.0B	19.1B	12.9B	18
19	6.80B	5.08B	4.72B	5.40B	95.0 B	246	70.3	76.0	134	34.0B	19.0B	12.8B	19
20	6.70B	5.08B	4.70B	5.55B	118 B	227	69.4	151	126	35.0B	18.8B	12.7B	20
21	6.60B	5.08B	4.68B	5.70B	124 B	219	68.3	201	129	37.0B	18.4B	12.6B	21
22	6.45B	5.08B	4.68B	5.85B	126	214	67.9	172	186	39.5B	17.8B	12.5B	22
23	6.30B	5.07B	4.70B	6.10B	123	196	65.4	135	374	41.0B	17.2B	12.5B	23
24	6.15B	5.07B	4.74B	6.33B	101	283	62.7	112	396	41.0B	16.8B	12.5B	24
25	6.05B	5.07B	4.76B	6.55B	133	253	61.4	99.8	342	40.5B	16.5B	12.5B	25
26	5.95B	5.07B	4.78B	6.85B	165	202	60.7	91.4	290	40.0B	16.2B	12.5B	26
27	5.85B	5.06B	4.79B	7.10B	222	177	59.4	89.0	245	39.0B	16.1B	12.5B	27
28	5.75B	5.02B	4.80B	7.35B	269	166	59.3	89.3	217	38.0B	16.0B	12.4B	28
29	5.65B		4.80B	7.70B	381	157	58.2	96.2	195	37.2B	15.9B	12.2B	29
30	5.60B		4.80B	8.00B	425	135	61.1	93.0	176	36.0B	15.7B	12.1B	30
31	5.55B		4.80B		414		73.6	88.8		35.0B		12.0B	31
TOTAL	212.60	145.64	149.52	167.03	3 099.20	6 768	2 631.6	2 745.8	4 702.5	1 923.5	674.7	422.8	TOTAL
MEAN	6.86	5.20	4.82	5.57	100	226	84.9	88.6	157	62.0	22.5	13.6	MEAN
MAX	8.05	5.55	5.00	8.00	425	423	126	201	396	158	34.0	15.6	MAX
MIN	5.55	5.02	4.68	4.80	8.50	135	58.2	58.9	79.0	34.0	15.7	12.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.8
MAXIMUM DAILY, 425 ON MAY 30
MINIMUM DAILY, 4.68B ON MAR 21
MAXIMUM INSTANTANEOUS,
478 AT 02:38 YST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 44 54 N
LONG 133 40 50 W
DRAINAGE AREA, 3 760 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 400	JUL	227 000
FEB	12 600	AUG	237 000
MAR	12 900	SEP	406 000
APR	14 400	OCT	166 000
MAY	268 000	NOV	58 300
JUN	585 000	DEC	36 500

TOTAL DISCHARGE, 2 040 000 dam³

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.7B	27.7B	22.3B	27.5B	46.0B	130	122	57.4	49.1	49.7	30.5B	20.6B	1
2	30.6B	27.4B	22.3B	28.2B	43.0B	166	118	56.2	48.2	49.0	30.1B	19.7B	2
3	30.5B	27.1B	22.3B	29.0B	40.0B	154	121	54.5	47.0	48.4	30.0B	19.2B	3
4	30.4B	26.8B	22.3B	29.5B	41.0B	130	119	53.2	47.1	47.9	29.8B	19.2B	4
5	30.3B	26.5B	22.3B	30.0B	42.0B	118	115	51.7	49.2	42.2	29.2B	19.3B	5
6	30.2B	26.4B	22.4B	31.0B	44.0B	119	113	51.2	47.3	41.2B	28.5B	19.3B	6
7	30.2B	26.3B	22.4B	31.0B	45.4	128	110	51.1	47.4	40.8B	26.8B	19.4B	7
8	30.1B	26.2B	22.4B	31.0B	46.8	134	106	49.6	47.4	40.1B	26.4B	19.7B	8
9	30.1B	26.1B	22.5B	31.0B	49.8	135	103	48.3	47.1	39.9B	25.8B	20.0B	9
10	30.0B	26.0B	22.5B	31.0B	51.3	125	100	49.5	45.3	39.5B	24.3B	20.1B	10
11	30.0B	25.8B	22.5B	31.0B	52.0	119	98.6	50.6	45.7	38.6B	23.9B	19.9B	11
12	30.0B	25.6B	22.4B	31.5B	53.2	114	91.0	49.6	44.6	37.5B	23.8B	19.6B	12
13	30.0B	25.4B	22.3B	32.0B	55.7	112	88.2	49.3	43.4	36.5B	23.8B	19.1B	13
14	30.0B	25.2B	22.2B	32.5B	57.9	110	84.4	50.6	41.8	35.4B	24.0B	18.9B	14
15	30.0B	25.0B	22.1B	33.0B	61.8	108	80.6	49.0	40.6	34.7B	24.4B	19.0B	15
16	30.0B	24.7B	22.0B	33.5B	69.1	106	78.1	48.7	40.0	31.0B	24.8B	19.1B	16
17	30.0B	24.3B	22.0B	34.0B	72.5	101	78.3	48.8	39.2	30.2B	24.9B	19.2B	17
18	30.0B	23.9B	22.0B	34.0B	73.6	95.8	77.3	47.8	39.3	29.7B	24.9B	19.3B	18
19	30.0B	23.6B	22.2B	34.5B	78.9	91.2	75.0	48.0	39.9	29.3B	24.8B	19.7B	19
20	30.0B	23.6B	22.5B	34.5B	80.6	86.4	70.5	50.1	38.9	29.0B	24.2B	19.9B	20
21	29.9B	23.6B	22.9B	34.5B	83.1	86.2	69.9	53.2	40.1	28.9B	23.7B	20.1B	21
22	29.8B	23.5B	23.3B	34.5B	80.9	87.6	67.5	55.4	42.8	28.7B	22.9B	20.3B	22
23	29.7B	23.3B	23.7B	34.5B	71.8	93.1	66.6	57.6	46.4	28.5B	22.2B	20.5B	23
24	29.6B	23.1B	24.1B	34.5B	61.5	96.2	67.4	54.7	50.2	28.4B	21.8B	20.6B	24
25	29.5B	22.9B	24.5B	34.5B	61.8	146	66.5	54.2	48.4	28.5B	21.4B	20.4B	25
26	29.3B	22.7B	24.9B	34.5B	63.5	152	64.1	52.6	48.1	28.7B	21.2B	20.1B	26
27	29.0B	22.6B	25.2B	35.0B	73.1	135	62.1	52.3	47.8	29.0B	21.2B	20.0B	27
28	28.7B	22.4B	25.6B	36.0B	91.2	133	60.7	52.8	49.3	30.0B	21.3B	20.0B	28
29	28.4B		26.0B	39.0B	103	126	58.6	52.7	51.2	30.5B	21.2B	20.1B	29
30	28.2B		26.4B	42.0B	107	122	58.4	53.0	49.9	31.0B	21.0B	20.1B	30
31	28.0B		26.8B		104		58.6	52.0		30.8B		20.1B	31
TOTAL	923.2	697.7	719.3	988.7	2 005.5	3 559.5	2 649.4	1 605.7	1 362.7	1 093.6	742.8	612.5	TOTAL
MEAN	29.8	24.9	23.2	33.0	64.7	119	85.5	51.8	45.4	35.3	24.8	19.8	MEAN
MAX	30.7	27.7	26.8	42.0	107	166	122	57.6	51.2	49.7	30.5	20.6	MAX
MIN	28.0	22.4	22.0	27.5	40.0	86.2	58.4	47.8	38.9	28.4	21.0	18.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.5
MAXIMUM DAILY, 166 ON JUN 02
MINIMUM DAILY, 18.9B ON DEC 14
MAXIMUM INSTANTANEOUS,
171 AT 07:55 YST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 54 N
LONG 137 30 19 W
DRAINAGE AREA, 8 500 km²

B - ICE CONDITIONS

REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 800	JUL	229 000
FEB	60 300	AUG	139 000
MAR	62 100	SEP	118 000
APR	85 400	OCT	94 500
MAY	173 000	NOV	64 200
JUN	308 000	DEC	52 900

TOTAL DISCHARGE, 1 470 000 dam³

YUKON TERRITORY

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.6B	12.4B	11.5B	11.1B	16.6B	199	530A	540E	250 E	70.5E	45.2B	29.4B	1
2	14.5B	12.4B	11.5B	11.1B	17.7B	249	539A	516A	205 E	68.5E	44.6B	29.0B	2
3	14.4B	12.3B	11.5B	11.2B	18.8B	285	547A	484A	175 E	67.0E	44.0B	28.5B	3
4	14.3B	12.3B	11.4B	11.2B	19.9B	267	594A	448A	160 E	65.5E	43.4B	28.1B	4
5	14.2B	12.2B	11.4B	11.2B	21.0B	273	610E	444A	150 E	64.0E	42.8B	27.7B	5
6	14.2B	12.2B	11.4B	11.2B	22.0B	286	616E	403A	142 E	62.5E	42.1B	27.3B	6
7	14.1B	12.1B	11.4B	11.3B	24.0B	320	617A	377A	142 E	61.0E	41.4B	27.0B	7
8	14.0B	12.1B	11.3B	11.4B	26.0E	327	512A	364A	158 E	60.0E	40.9B	26.7B	8
9	13.9B	12.0B	11.3B	11.5B	28.0E	324	460E	357A	165 E	59.5E	40.1B	26.3B	9
10	13.8B	12.0B	11.3B	11.6B	30.0E	309	410E	372A	167 E	59.0E	39.5B	26.0B	10
11	13.8B	12.0B	11.3B	11.7B	33.0E	306	350E	429A	174 E	58.5E	38.9B	25.6B	11
12	13.7B	11.9B	11.3B	11.8B	37.0E	341	300E	479A	183 E	57.8E	38.3B	25.3B	12
13	13.6B	11.9B	11.2B	11.9B	41.0E	351A	275E	505A	188 E	57.6E	37.8B	25.0B	13
14	13.5B	11.9B	11.2B	12.0B	44.0E	353A	260E	656A	191 E	57.2E	37.3B	24.5B	14
15	13.4B	11.9B	11.2B	12.2B	50.0E	383A	250E	633A	194 E	57.0B	36.8B	24.1B	15
16	13.4B	11.8B	11.2B	12.4B	56.0E	385A	265E	580E	185 E	56.8B	36.3B	23.8B	16
17	13.3B	11.8B	11.2B	12.6B	65.0E	379A	300E	505E	172 E	56.1B	35.7B	23.5B	17
18	13.2B	11.8B	11.1B	12.8B	74.0E	356A	360E	435E	155 E	55.6B	35.0B	23.2B	18
19	13.1B	11.8B	11.1B	13.0B	85.0E	351A	513A	340E	145 E	55.0B	34.5B	22.9B	19
20	13.0B	11.7B	11.1B	13.2B	100 E	363A	640A	265E	130 E	54.2B	34.0B	22.6B	20
21	13.0B	11.7B	11.1B	13.5B	106 E	364A	473A	240E	120 E	53.3B	33.5B	22.2B	21
22	12.9B	11.7B	11.0B	13.8B	101 E	315A	701A	232E	111 E	52.5B	33.1B	21.9B	22
23	12.9B	11.7B	11.0B	14.1B	97.0E	299A	503A	235E	102 E	51.7B	32.6B	21.6B	23
24	12.8B	11.6B	11.0B	14.3B	98.0E	328A	700A	250E	96.0E	51.0B	32.2B	21.3B	24
25	12.8B	11.6B	10.9B	14.6B	103 E	368A	697A	260E	90.0E	50.4B	31.8B	21.0B	25
26	12.7B	11.6B	11.0B	14.9B	118 E	410A	635A	272E	86.0E	49.6B	31.4B	20.7B	26
27	12.7B	11.6B	11.0B	15.2B	133 E	455A	520E	295E	81.5E	48.8B	31.0B	20.4B	27
28	12.6B	11.5B	11.0B	15.5B	154 E	500A	455E	325E	77.5E	48.0B	30.6B	20.1B	28
29	12.6B		11.1B	15.8B	174 A	484A	420E	360E	75.0E	47.3B	30.2B	19.8B	29
30	12.5B		11.1B	16.2B	175	513A	405E	370E	73.5E	46.6B	29.9B	19.6B	30
31	12.5B		11.1B		184		445E	335E		45.9B		19.4B	31
TOTAL	416.0	333.5	347.2	384.3	2 260.0	10 443	14 902	12 386	4 343.5	1 748.4	1 104.8	744.5	TOTAL
MEAN	13.4	11.9	11.2	12.8	72.9	348	481	400	145	56.4	36.8	24.0	MEAN
MAX	14.6	12.4	11.5	16.2	184	513	701	656	250	70.5	45.2	29.4	MAX
MIN	12.5	11.5	10.9	11.1	16.6	199	250	232	73.5	45.9	29.9	19.4	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 135
MAXIMUM DAILY, 701A ON JUL 22
MINIMUM DAILY, 10.9B ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 04 56 N
LONG 139 51 35 W
DRAINAGE AREA, 12 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 900	JUL	1 290 000
FEB	28 800	AUG	1 070 000
MAR	30 000	SEP	375 000
APR	33 200	OCT	151 000
MAY	195 000	NOV	95 500
JUN	902 000	DEC	64 300

TOTAL DISCHARGE, 4 270 000 dam³

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.83B	1.32B	1.08 B	0.900B	2.70E	46.7	26.1	15.9	13.6	4.79	2.26B	2.00B	1
2	1.81B	1.31B	1.08 B	0.910B	2.60E	42.9	25.2	15.9	12.3	4.90	2.24B	2.02B	2
3	1.82B	1.30B	1.08 B	0.910B	2.50E	20.5	28.6	15.6	11.3	4.73	2.22B	2.04B	3
4	1.82B	1.29B	1.07 B	0.920B	2.46A	13.8	25.1	16.1	11.2	4.46	2.20B	2.06B	4
5	1.82B	1.28B	1.07 B	0.920B	2.16	16.7	22.0	14.7	11.0	4.00	2.20B	2.08B	5
6	1.82B	1.27B	1.06 B	0.932B	2.05	23.1	21.9	15.2	12.9	4.27	2.20B	2.09B	6
7	1.81B	1.26B	1.05 B	0.930B	2.42	24.0	24.3	14.7	12.7	3.92	2.20B	2.10B	7
8	1.81B	1.25B	1.05 B	0.940B	2.92	23.1	21.8	14.3	10.5	4.02	2.19B	2.11B	8
9	1.81B	1.24B	1.04 B	0.950B	4.44	19.3	17.8	15.3	9.94	3.93	2.19B	2.12B	9
10	1.80B	1.23B	1.04 B	0.970B	4.58	14.8	15.0	19.1	10.5	3.55	2.18B	2.12B	10
11	1.78B	1.22B	1.03 B	0.990B	5.28	13.4	13.4	21.0	9.57	3.90	2.18B	2.11B	11
12	1.76B	1.21B	1.02 B	1.01 B	5.51	16.0	13.4	23.1	8.34	3.76	2.19B	2.11B	12
13	1.74B	1.20B	1.02 B	1.03 B	5.52	16.9	12.5	23.8	8.27	3.50	2.19B	2.10B	13
14	1.72B	1.19B	1.01 B	1.05 B	5.76	15.7	11.6	24.1	7.93	3.27	2.20B	2.08B	14
15	1.70B	1.18B	1.00 B	1.07 B	8.04	13.9	13.6	23.1	8.29	3.08	2.20B	2.06B	15
16	1.68B	1.17B	1.00 B	1.08 B	8.38	10.7	13.5	18.3A	7.40	3.02	2.20B	2.04B	16
17	1.66B	1.16B	0.990B	1.09 B	8.56	10.7	16.4	18.5A	7.01	2.83	2.20B	2.04B	17
18	1.64B	1.15B	0.980B	1.10 B	8.99	8.16	17.2	20.3	6.73	2.70B	2.19B	2.06B	18
19	1.62B	1.14B	0.980B	1.13 B	8.32	8.79	18.1	19.6	6.58	2.60B	2.19B	2.08B	19
20	1.60B	1.13B	0.970B	1.16 B	8.33	7.39	19.6	17.7	6.08	2.55B	2.18B	2.10B	20
21	1.57B	1.12B	0.960B	1.21 B	8.35	6.18	19.8	16.7	6.96	2.52B	2.16B	2.10B	21
22	1.54B	1.12B	0.960B	1.28 B	4.98	5.98	21.0	16.5	7.24	2.49B	2.14B	2.10B	22
23	1.51B	1.11B	0.950B	1.35 B	2.85	7.83	22.3	17.4	8.55	2.46B	2.12B	2.06B	23
24	1.48B	1.11B	0.940B	1.50 B	2.82	28.0	23.2	18.5	7.83	2.43B	2.10B	2.03B	24
25	1.45B	1.10B	0.940B	1.70 B	3.27	34.7	20.8	20.5	7.27	2.40B	2.08B	2.00B	25
26	1.43B	1.10B	0.930B	1.95 B	4.70	27.1	17.8	20.3	6.38	2.38B	2.06B	1.97B	26
27	1.41B	1.09B	0.930B	2.15 B	6.81	34.8	16.9	20.2	6.16	2.36B	2.04B	1.94B	27
28	1.39B	1.09B	0.920B	2.30 B	8.53	25.6	18.3	24.8	6.07	2.34B	2.02B	1.91B	28
29	1.37B		0.910B	2.50 B	9.34	24.9	20.1	19.3	5.45	2.32B	2.01B	1.88B	29
30	1.35B		0.910B	2.60 B	9.14	27.7	17.3	16.1	5.26	2.30B	2.00B	1.85B	30
31	1.33B		0.900B		20.6		16.3	14.5		2.28B		1.82B	31
TOTAL	50.90	33.34	30.870	38.532	182.91	590.33	592.9	570.9	259.31	100.06	64.73	63.18	TOTAL
MEAN	1.64	1.19	0.996	1.28	5.90	19.7	19.1	18.4	8.64	3.23	2.16	2.04	MEAN
MAX	1.83	1.32	1.08	2.60	20.6	46.7	28.6	24.8	13.6	4.90	2.26	2.12	MAX
MIN	1.33	1.09	0.900	0.900	2.05	5.98	12.5	14.3	5.26	2.28	2.00	1.82	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.06
MAXIMUM DAILY, 46.7 ON JUN 01
MINIMUM DAILY, 0.900B ON MAR 31
MAXIMUM INSTANTANEOUS, 55.2 AT 01:52 YST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 21 37 N
LONG 139 09 23 W
DRAINAGE AREA, 631 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 400	JUL	51 200
FEB	2 880	AUG	49 300
MAR	2 670	SEP	22 400
APR	3 330	OCT	8 650
MAY	15 800	NOV	5 590
JUN	51 000	DEC	5 460

TOTAL DISCHARGE, 223 000 dam³

YUKON TERRITORY

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0.480B	0.304B	0.103B	0.163B	0.680B	50.5	17.7 E	20.9	7.22	6.37	1.76 B	0.612B	1
2	0.486B	0.288B	0.104B	0.166B	0.780B	42.9	16.6 E	18.1	7.38	6.20	1.68 B	0.604B	2
3	0.484B	0.272B	0.106B	0.169B	0.900B	40.9	14.6 E	15.0	7.98	6.00	1.61 B	0.596B	3
4	0.482B	0.256B	0.108B	0.172B	1.04 B	44.3	12.8 E	13.1	8.44	5.56B	1.54 B	0.588B	4
5	0.480B	0.240B	0.110B	0.175B	1.25 B	56.1	11.3 E	10.9	8.61	5.00B	1.46 B	0.580B	5
6	0.476B	0.228B	0.112B	0.178B	1.60 B	42.2	10.0 E	9.14	8.87	4.70B	1.39 B	0.572B	6
7	0.472B	0.216B	0.114B	0.181B	2.04 B	31.8A	9.60E	7.64	9.09	4.40B	1.33 B	0.564B	7
8	0.468B	0.204B	0.116B	0.184B	2.80 B	27.5E	12.6 E	6.86	11.7	4.20B	1.28 B	0.556B	8
9	0.467B	0.192B	0.118B	0.187B	3.80 B	30.0E	19.0 E	6.27	12.4	4.00B	1.22 B	0.548B	9
10	0.460B	0.180B	0.120B	0.190B	5.00 B	33.2A	22.5 E	5.76	11.3	3.80B	1.17 B	0.540B	10
11	0.456B	0.173B	0.122B	0.193B	6.80 B	35.6	21.8 E	5.35	9.98	3.62B	1.12 B	0.530B	11
12	0.452B	0.166B	0.124B	0.196B	9.40 B	32.4A	21.0 E	5.04	9.03	3.48B	1.08 B	0.520B	12
13	0.448B	0.159B	0.126B	0.199B	13.0 B	27.0E	19.7 E	4.94	8.61	3.32B	1.03 B	0.510B	13
14	0.444B	0.152B	0.128B	0.202B	35.0 B	25.0E	18.2 E	4.71	8.94	3.20B	0.990B	0.500B	14
15	0.440B	0.139B	0.130B	0.205B	54.0 B	29.0E	16.4 E	4.42	9.13	3.10B	0.960B	0.490B	15
16	0.434B	0.126B	0.132B	0.206B	169 A	42.0	14.6 E	4.32	9.05	3.00B	0.920B	0.484B	16
17	0.428B	0.113B	0.134B	0.207B	185	47.8	12.6 E	4.13	8.48	2.89B	0.880B	0.478B	17
18	0.422B	0.100B	0.136B	0.209B	237	42.2	11.0 E	4.06	7.96	2.78B	0.840B	0.472B	18
19	0.416B	0.095B	0.138B	0.220B	206	43.8	9.60E	4.17	7.61	2.68B	0.815B	0.466B	19
20	0.410B	0.090B	0.140B	0.240B	177	39.7	6.40E	4.74	7.22	2.59B	0.798B	0.460B	20
21	0.405B	0.092B	0.142B	0.260B	157	33.2A	5.00E	7.66	7.01	2.51B	0.776B	0.452B	21
22	0.400B	0.094B	0.144B	0.280B	176	34.0A	4.00E	11.9	6.79	2.43B	0.757B	0.444B	22
23	0.390B	0.096B	0.146B	0.305B	142	43.2	3.40E	11.2	6.58	2.36B	0.735B	0.436B	23
24	0.380B	0.098B	0.148B	0.330B	117	40.7	3.00E	9.91	6.71	2.29B	0.722B	0.428B	24
25	0.370B	0.100B	0.150B	0.360B	151	33.5A	2.62A	8.82	6.91	2.24B	0.710B	0.420B	25
26	0.361B	0.101B	0.151B	0.400B	172	25.0E	9.94	8.01	7.06	2.18B	0.685B	0.414B	26
27	0.352B	0.102B	0.153B	0.440B	162	22.5E	17.4	8.07	6.99	2.11B	0.670B	0.408B	27
28	0.344B	0.102B	0.155B	0.510B	135	21.0E	14.0	8.69	6.55	2.07B	0.650B	0.402B	28
29	0.336B		0.157B	0.550B	119	19.8E	11.5	8.59	6.67	2.00B	0.630B	0.396B	29
30	0.328B		0.158B	0.600B	94.6	19.0E	9.87	7.72	6.57	1.95B	0.620B	0.390B	30
31	0.320B		0.160B		67.7		12.3	7.32		1.85B		0.385B	31
TOTAL	13.091	4.478	4.085	7.877	2 595.390	1 055.8	391.03	257.44	246.84	104.88	30.828	15.245	TOT
MEAN	0.422	0.160	0.132	0.263	83.7	35.2	12.6	8.30	8.23	3.38	1.03	0.492	MEA
MAX	0.486	0.304	0.160	0.600	237	56.1	22.5	20.9	12.4	6.37	1.76	0.612	MAX
MIN	0.320	0.090	0.103	0.163	0.680	19.0	2.62	4.06	6.55	1.85	0.620	0.385	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.0
MAXIMUM DAILY, 237 ON MAY 18
MINIMUM DAILY, 0.090B ON FEB 20
MAXIMUM INSTANTANEOUS,
246 AT 22:52 YST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 26 30 N
LONG 136 42 30 W
DRAINAGE AREA, 1 720 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130	JUL	33 800
FEB	387	AUG	22 200
MAR	353	SEP	21 300
APR	681	OCT	9 060
MAY	224 000	NOV	2 660
JUN	91 200	DEC	1 320

TOTAL DISCHARGE, 408 000 dam³

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0B	0B	0B	0B	0 B	96.8	58.0	36.2	30.7	8.10B	3.28B	1.00 B	1
2	0B	0B	0B	0B	0 B	81.6	54.8	34.2	30.0	7.70B	3.20B	0.950B	2
3	0B	0B	0B	0B	0 B	74.6	53.6	33.2	28.5	7.40B	3.12B	0.900B	3
4	0B	0B	0B	0B	0 B	62.2	50.6	31.2	28.1	7.10B	3.05B	0.850B	4
5	0B	0B	0B	0B	0.100B	53.8	48.6	30.8	27.3	6.85B	2.98B	0.800B	5
6	0B	0B	0B	0B	0.800B	38.3	48.2	29.9	27.0	6.60B	2.88B	0.740B	6
7	0B	0B	0B	0B	1.60 B	32.5	45.9	29.5	28.6	6.45B	2.81B	0.680B	7
8	0B	0B	0B	0B	2.40 B	28.8	45.8	29.1	28.0	6.20B	2.73B	0.620B	8
9	0B	0B	0B	0B	3.50 B	26.7	46.0	28.4	26.7	6.00B	2.65B	0.580B	9
10	0B	0B	0B	0B	4.80 B	27.0	40.8	27.8	25.5	5.80B	2.57B	0.540B	10
11	0B	0B	0B	0B	6.60 B	31.4	40.1	27.9	24.8	5.60B	2.52B	0.500B	11
12	0B	0B	0B	0B	10.0 B	37.1	40.6	27.9	24.4	5.43B	2.44B	0.450B	12
13	0B	0B	0B	0B	15.0 B	43.9	48.9	26.9	24.3	5.30B	2.37B	0.410B	13
14	0B	0B	0B	0B	22.0 B	58.8	54.7	27.0	24.0	5.16B	2.30B	0.380B	14
15	0B	0B	0B	0B	33.0 B	64.0	57.4	26.4	25.2	5.00B	2.25B	0.330B	15
16	0B	0B	0B	0B	60.0 B	73.2	51.4	26.5	26.0	4.84B	2.19B	0.280B	16
17	0B	0B	0B	0B	100 B	89.9	46.4	25.9	25.5	4.70B	2.14B	0.240B	17
18	0B	0B	0B	0B	250 B	102	42.1	26.4	24.5	4.60B	2.09B	0.210B	18
19	0B	0B	0B	0B	270 B	90.3	43.6	26.4	24.2	4.48B	2.02B	0.190B	19
20	0B	0B	0B	0B	250 B	82.7	40.3	29.9	24.2	4.40B	1.96B	0.170B	20
21	0B	0B	0B	0B	238 B	79.9	39.1	27.3	23.7	4.33B	1.84B	0.140B	21
22	0B	0B	0B	0B	234 B	82.4	38.0	26.8	24.2	4.22B	1.76B	0.110B	22
23	0B	0B	0B	0B	228	74.3	34.9	26.5	24.0	4.12B	1.66B	0.080B	23
24	0B	0B	0B	0B	215	67.4	36.6	26.3	23.0	4.00B	1.57B	0.050B	24
25	0B	0B	0B	0B	178	60.1	36.8	26.0	23.0	3.92B	1.48B	0.030B	25
26	0B	0B	0B	0B	179	60.0	35.6	26.1	16.0 B	3.83B	1.40B	0.020B	26
27	0B	0B	0B	0B	156	57.4	34.4	27.2	11.1 B	3.74B	1.33B	0.010B	27
28	0B	0B	0B	0B	140	62.8	32.8	30.4	10.0 B	3.66B	1.25B	0 B	28
29	0B		0B	0B	126	64.9	32.3	28.4	9.30B	3.56B	1.17B	0 B	29
30	0B		0B	0B	107	62.8	36.9	28.3	8.70B	3.47B	1.08B	0 B	30
31	0B		0B		101		39.7	29.1		3.40B		0 B	31
TOTAL	0	0	0	0	2 931.800	1 867.6	1 356.9	883.9	702.50	159.96	66.09	11.260	TOT
MEAN	0	0	0	0	94.6	62.3	43.8	28.5	23.4	5.16	2.20	0.363	MEA
MAX	0	0	0	0	270	102	58.0	36.2	30.7	8.10	3.28	1.00	MAX
MIN	0	0	0	0	0	26.7	32.3	25.9	8.70	3.40	1.08	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.9
MAXIMUM DAILY, 270B ON MAY 19
MINIMUM DAILY, 0B ON JAN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 19 00 N
LONG 139 34 00 W
DRAINAGE AREA, 5 710 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	117 000
FEB	0	AUG	76 400
MAR	0	SEP	60 700
APR	0	OCT	13 800
MAY	253 000	NOV	5 710
JUN	161 000	DEC	973

TOTAL DISCHARGE, 689 000 dam³

REMARKS - SPRING VALUES (B) AND DATES OF ZERO FLOW TO BE USED WITH DISCRETION

YUKON TERRITORY

FORTYMILE RIVER NEAR THE MOUTH - STATION NO. 09EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.79 B	0.080B	0.128B	0.455B	319B	111 E	76.0E	94.0	130	121	6.16B	1.58 B	1
2	1.78 B	0.090B	0.130B	0.480B	268B	98.0E	68.0E	120	128	114	5.48B	1.57 B	2
3	1.68 B	0.100B	0.114B	0.505B	216B	84.0E	63.5E	85.9	124	99.7	5.33B	1.59 B	3
4	1.57 B	0.110B	0.097B	0.530B	165B	96.5E	59.8E	66.4	120	87.6 B	5.36B	1.49 B	4
5	1.47 B	0.120B	0.092B	0.578B	160B	108 E	56.0E	67.7	125	81.0 B	5.36B	1.32 B	5
6	1.36 B	0.110B	0.087B	0.625B	152E	100 E	56.5E	71.6	160	51.0 B	5.25B	1.25 B	6
7	1.26 B	0.110B	0.082B	0.673B	165E	88.0E	57.5E	97.9	178	45.3 B	5.17B	1.17 B	7
8	1.26 B	0.100B	0.077B	0.720B	300E	86.0E	56.0E	188	168	39.6 B	4.90B	1.13 B	8
9	1.25 B	0.098B	0.094B	0.714B	420E	98.0E	52.0E	178	155	34.0 B	4.70B	1.13 B	9
10	1.26 B	0.092B	0.110B	0.708B	680E	93.0E	49.0E	143	200	28.3 B	4.30B	1.14 B	10
11	1.26 B	0.102B	0.122B	0.702B	755E	82.0E	45.0E	124	346	22.6 B	3.78B	1.14 B	11
12	1.18 B	0.112B	0.133B	0.710B	680E	75.7E	42.5E	107	420	21.4 B	3.23B	1.15 B	12
13	1.11 B	0.121B	0.145B	0.730B	621E	115 E	39.5E	91.6	398	21.8 B	2.90B	1.15 B	13
14	1.03 B	0.131B	0.157B	0.760B	450E	175 E	39.0E	79.7	382	23.1 B	2.86B	1.12 B	14
15	0.950B	0.141B	0.168B	0.790B	390E	255 E	45.5E	70.7	364	23.5 B	2.83B	1.09 B	15
16	0.800B	0.151B	0.180B	0.820B	325E	300 E	50.0E	65.9	320	23.0 B	2.83B	1.06 B	16
17	0.750B	0.160B	0.175B	0.860B	276E	234 E	40.1A	73.0	267	22.2 B	2.70B	1.03 B	17
18	0.730B	0.170B	0.170B	0.910B	232E	242 E	36.0A	89.9	232	20.7 B	2.58B	1.00 B	18
19	0.630B	0.152B	0.165B	0.970B	199E	220 E	31.0	81.4	201	19.2 B	2.45B	1.02 B	19
20	0.530B	0.134B	0.160B	1.08 B	170E	176 E	27.4	91.2	179	17.7 B	2.43B	1.04 B	20
21	0.430B	0.116B	0.166B	1.20 B	158E	194 E	24.4	196	166	16.2 B	2.43B	1.06 B	21
22	0.390B	0.098B	0.173B	1.40 B	132E	177 E	22.2	249	152	14.7 B	2.42B	1.08 B	22
23	0.380B	0.080B	0.180B	1.80 B	124E	160 E	20.7	211	142	13.2 B	2.42B	1.09 B	23
24	0.350B	0.100B	0.205B	3.50 B	114E	143 E	19.8	180	152	11.7 B	2.33B	1.08 B	24
25	0.360B	0.120B	0.230B	8.20 B	118E	127 E	20.7	166	163	10.1 B	2.23B	1.05 B	25
26	0.350B	0.122B	0.263B	20.0 B	130E	110 E	28.6	153	172	9.35B	2.11B	1.02 B	26
27	0.300B	0.124B	0.296B	59.0 B	140E	93.0E	34.4	148	154	9.25B	2.00B	0.990B	27
28	0.200B	0.126B	0.330B	170 B	147E	89.0E	38.4	153	140	8.90B	1.88B	0.960B	28
29	0.120B		0.363B	300 B	147E	92.0E	35.1	146 A	129	8.22B	1.77B	0.930B	29
30	0.080B		0.396B	370 B	133A	84.0E	29.8	139	124	7.53B	1.65B	0.900B	30
31	0.060B		0.430B		126E		37.2	134		6.85B		0.870B	31
TOTAL	26.670	3.270	5.618	1 029.420	8 412	4 106.2	1 301.6	3 861.9	6 091	1 032.70	101.84	35.200	TOTAL
MEAN	0.860	0.117	0.181	34.3	271	137	42.0	125	203	33.3	3.39	1.14	MEAN
MAX	1.79	0.170	0.430	380	755	300	76.0	249	420	121	6.16	1.59	MAX
MIN	0.060	0.080	0.077	0.455	114	75.7	19.8	65.9	120	6.85	1.65	0.870	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.3
MAXIMUM DAILY, 755E ON MAY 11
MINIMUM DAILY, 0.060B ON JAN 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 23 50 N
LONG 140 36 40 W
DRAINAGE AREA, 16 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 300	JUL	112 000
FEB	283	AUG	334 000
MAR	485	SEP	526 000
APR	88 900	OCT	89 200
MAY	727 000	NOV	8 800
JUN	355 000	DEC	3 040

TOTAL DISCHARGE, 2 250 000 dam³

FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AB002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.084	---	---	---	1.023	4.080	3.602	2.162	2.027	2.497	1.722	---	1
2	1.075	---	---	---	1.053	4.276	3.583	2.148	2.059	2.487	1.695	---	2
3	1.077	---	---	---	1.101	4.334	3.550	2.135	2.075	2.482	1.661	---	3
4	1.079	---	---	---	1.162	4.328	3.505	2.121	2.107	2.457	1.627	---	4
5	1.078	---	---	---	1.220	4.292	3.450	2.101	2.181	2.435	1.606	---	5
6	1.080	---	---	---	1.289	4.284	3.390	2.083	2.255	2.402	1.593	---	6
7	1.074	---	---	---	1.369	4.276	3.333	2.105	2.319	2.376	1.579	---	7
8	1.078	---	---	---	1.448	4.267	3.270	2.147	2.394	2.357	1.559	---	8
9	1.074	---	---	---	1.533	4.238	3.211	2.164	2.449	2.330	1.547	---	9
10	1.070	---	---	---	1.641	4.181	3.158	2.175	2.494	2.304	1.523	---	10
11	1.064	---	---	---	1.734	4.120	3.097	2.176	2.512	2.279	1.505	---	11
12	1.058	---	---	---	1.818	4.052	3.041	2.168	2.534	2.256	1.487	---	12
13	1.060	---	---	---	1.896	3.990	2.987	2.160	2.550	2.229	1.481	---	13
14	1.058	---	---	---	1.972	3.944	2.934	2.145	2.555	2.202	1.464	---	14
15	1.048	---	---	---	2.042	3.894	2.877	2.129	2.549	2.166	1.456	---	15
16	1.045	---	---	---	2.102	3.853	2.814	2.114	2.540	2.130	1.454	---	16
17	1.040	---	---	---	2.166	3.831	2.761	2.088	2.542	2.095	1.449	---	17
18	1.043	---	---	---	2.236	3.790	2.715	2.062	2.542	2.064	1.444	---	18
19	1.049	---	---	---	2.298	3.726	2.666	2.045	2.550	2.026	1.432	---	19
20	1.044	---	---	---	2.378	3.668	2.606	2.031	2.558	1.990	1.421	---	20
21	1.035	---	---	---	2.465	3.604	2.563	2.012	2.559	1.966	1.415	---	21
22	1.026	---	---	---	2.573	3.535	2.524	1.992	2.554	1.949	1.407	---	22
23	1.024	---	---	---	2.676	3.484	2.483	1.986	2.547	1.924	1.396	---	23
24	1.019	---	---	---	2.781	3.486	2.445	1.971	2.538	1.912	1.388E	---	24
25	1.012	---	---	---	2.860	3.519	2.405	1.958	2.541	1.891	1.380E	---	25
26	1.010	---	---	0.945A	2.920	3.549	2.361	1.940	2.540	1.861	1.372E	---	26
27	1.005	---	---	0.948	2.998	3.586	2.323	1.927	2.534	1.837	1.364E	---	27
28	0.999	---	---	0.957	3.095	3.607	2.287	1.913	2.530	1.815	1.356E	---	28
29	0.994E		---	0.968	3.259	3.600	2.251	1.909	2.525	1.789	1.348E	---	29
30	0.989E		---	0.994	3.465	3.599	2.221	1.941	2.515	1.766	1.340E	---	30
31	0.984E		---		3.748		2.189	1.985		1.745		---	31
MEAN	1.044	---	---	---	2.139	3.900	2.858	2.064	2.439	2.130	1.482	---	MEAN
MAX	1.084	---	---	---	3.748	4.334	3.602	2.176	2.559	2.497	1.722	---	MAX
MIN	0.984	---	---	---	1.023	3.484	2.189	1.909	2.027	1.745	1.340	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.334 ON JUN 03

MAXIMUM INSTANTANEOUS,
4.347 AT 16:52 YST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 40 N
LONG 129 37 40 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 729.621 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

YUKON TERRITORY

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.0B	25.7B	23.1B	22.7B	58.0B	716	503	177	127	207	94.2B	56.0B	1
2	33.2B	25.5B	23.1B	22.7B	62.0B	764	496	171	131	207	93.0B	55.8B	2
3	33.0B	25.3B	23.1B	22.8B	65.0B	774	487	167	136	207	91.0B	55.5B	3
4	32.5B	25.2B	23.1B	22.8B	69.8	770	471	164	142	207	90.0B	55.3B	4
5	32.1B	25.0B	23.1B	22.9B	75.2	764	461	159	152	203	88.5B	54.8B	5
6	32.0B	24.8B	23.0B	23.0B	90.6	763	441	160	162	199	87.5B	54.7B	6
7	31.7B	24.6B	23.0B	23.2B	109	757	421	173	170	192	86.5B	54.6B	7
8	31.3B	24.4B	23.0B	23.5B	111	750	407	177	181	189	86.0B	54.0B	8
9	31.0B	24.3B	23.0B	23.9B	117	738	394	177	188	184	84.0B	53.5B	9
10	30.6B	24.2B	23.0B	24.2B	124	720	376	176	196	179	82.0B	53.3B	10
11	30.2B	24.1B	22.9B	24.9B	130	696	362	175	203	174	80.0B	53.0B	11
12	30.0B	24.0B	22.9B	25.6B	136	667	350	173	207	171	78.0B	52.0B	12
13	29.8B	24.0B	22.9B	26.0B	147	642	344	170	210	168	76.0B	51.5B	13
14	29.5B	23.9B	22.9B	27.0B	157	622	334	166	210	161	75.0B	51.0B	14
15	29.2B	23.8B	22.9B	27.5B	166	601	318	162	210	152	73.0B	50.5B	15
16	29.0B	23.8B	22.8B	28.5B	178	588	305	158	211	150	72.5B	50.0B	16
17	28.7B	23.7B	22.8B	29.2B	188	573	298	152	213	147	71.0B	49.7B	17
18	28.5B	23.7B	22.8B	30.1B	197	557	290	148	211	142	71.5B	49.3B	18
19	28.3B	23.6B	22.8B	31.0B	209	532	279	145	211	135	70.0B	48.8B	19
20	28.0B	23.6B	22.8B	32.4B	223	511	267	143	213	128	68.5B	48.4B	20
21	27.7B	23.5B	22.7B	33.9B	236	492	251	142	212	129	67.0B	48.3B	21
22	27.5B	23.5B	22.7B	35.0B	252	475	244	140	212	125	65.0B	48.2B	22
23	27.3B	23.4B	22.7B	37.0B	273	463	239	139	208	119	63.5B	48.1B	23
24	27.2B	23.3B	22.7B	38.5B	290	452	231	135	208	118	62.0B	48.0B	24
25	27.0B	23.2B	22.7B	40.5B	299	481	222	133	207	117	60.0B	47.5B	25
26	26.7B	23.2B	22.6B	43.0B	309	489	214	129	209	111	59.5B	46.0B	26
27	26.5B	23.2B	22.6B	45.0B	329	501	204	126	209	106	59.5B	45.0B	27
28	26.3B	23.1B	22.6B	48.0B	359	504	197	124	209	106	59.3B	44.0B	28
29	26.1B		22.6B	50.5B	414	506	187	122	210	104	59.0B	43.8B	29
30	26.0B		22.6B	54.0B	474	503	183	121	209	101	57.0B	43.3B	30
31	25.9B		22.6B		585		181	124		98.8		43.0B	31
TOTAL	906.8	673.6	708.0	939.3	6 432.6	18 381	9 957	4 729	5 777	4 736.8	2 231.0	1 556.9	TOTAL
MEAN	29.3	24.1	22.8	31.3	208	613	321	153	193	153	74.4	50.2	MEAN
MAX	34.0	25.7	23.1	54.0	585	774	503	177	213	207	94.2	56.0	MAX
MIN	25.9	23.1	22.5	22.7	58.0	462	181	121	127	98.8	57.0	43.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 156
MAXIMUM DAILY, 774 ON JUN 03
MINIMUM DAILY, 22.5B ON MAR 29
MAXIMUM INSTANTANEOUS
778 AT 01:10 YST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 26 N
LONG 129 07 08 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 300	JUL	860 000
FEB	58 200	AUG	409 000
MAR	61 200	SEP	499 000
APR	81 200	OCT	409 000
MAY	556 000	NOV	193 000
JUN	1 590 000	DEC	135 000

TOTAL DISCHARGE, 4 930 000 dam³

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.100B	0.018B	0.001B	0.025B	2.03	1.90	1.62	0.304	0.399	0.616	0.414B	0.189B	1
2	0.095B	0.015B	0.001B	0.027B	2.14	2.30	1.62	0.282	0.425	0.626	0.402B	0.184B	2
3	0.090B	0.012B	0.001B	0.030B	2.10	2.63	1.64	0.268	0.429	0.624	0.396B	0.180B	3
4	0.088B	0.009B	0.001B	0.033B	1.97	2.75	1.55	0.258	0.435	0.621	0.392B	0.177B	4
5	0.085B	0.006B	0.001B	0.035B	1.83	2.72	1.70	0.237	0.452	0.613	0.384B	0.174B	5
6	0.083B	0.003B	0.001B	0.037B	1.67	2.65	1.89	0.230	0.461	0.613	0.376B	0.171B	6
7	0.082B	0.002B	0.001B	0.040B	1.53	2.67	1.56	0.219	0.470	0.596	0.364B	0.170B	7
8	0.080B	0.001B	0.001B	0.043B	1.41	2.73	1.40	0.201	0.477	0.599	0.348B	0.169B	8
9	0.082B	0.001B	0.001B	0.046B	1.34	2.74	1.24	0.187	0.493	0.592	0.330B	0.168B	9
10	0.084B	0.001B	0.001B	0.050B	1.38	2.55	1.13	0.181	0.500	0.587	0.310B	0.166B	10
11	0.086B	0.001B	0.001B	0.060B	1.54	2.36	1.04	0.178	0.500	0.592	0.298B	0.164B	11
12	0.087B	0.001B	0.001B	0.074B	1.69	2.15	0.947	0.162	0.519	0.576	0.288B	0.160B	12
13	0.088B	0.001B	0.001B	0.098B	1.80	1.94	0.855	0.149	0.524	0.564	0.280B	0.155B	13
14	0.089B	0.001B	0.001B	0.120B	1.87	1.73	0.787	0.135	0.525	0.548	0.270B	0.150B	14
15	0.090B	0.001B	0.001B	0.140B	1.90	1.51	0.724	0.118	0.503	0.536	0.262B	0.145B	15
16	0.091B	0.001B	0.001B	0.160B	2.06	1.38	0.657	0.107	0.504	0.531	0.258B	0.140B	16
17	0.090B	0.001B	0.001B	0.190B	2.11	1.23	0.637	0.101	0.501	0.525	0.252B	0.136B	17
18	0.089B	0.001B	0.001B	0.240B	2.15	1.10	0.621	0.075	0.525	0.519	0.240B	0.134B	18
19	0.086B	0.001B	0.001B	0.270B	2.20	0.994	0.599	0.071	0.535	0.512	0.243B	0.132B	19
20	0.083B	0.001B	0.001B	0.320B	2.21	0.901	0.566	0.112A	0.542	0.483	0.239B	0.129B	20
21	0.080B	0.001B	0.002B	0.370B	2.21	0.827	0.530	0.130A	0.577	0.486	0.234B	0.128B	21
22	0.075B	0.001B	0.004B	0.440B	2.14	0.777	0.499	0.160	0.587	0.489	0.229B	0.127B	22
23	0.066B	0.001B	0.006B	0.520B	2.06	0.742	0.474	0.187	0.606	0.479	0.222B	0.125B	23
24	0.058B	0.001B	0.008B	0.617A	1.91	0.768	0.450	0.226	0.593	0.477	0.216B	0.123B	24
25	0.050B	0.001B	0.010B	0.783	1.79	0.846	0.424	0.243	0.594	0.470	0.212B	0.121B	25
26	0.044B	0.001B	0.012B	1.01	1.71	1.02	0.376	0.268	0.582	0.471	0.208B	0.120B	26
27	0.038B	0.001B	0.014B	1.15	1.67	1.19	0.379	0.278	0.568	0.478	0.203B	0.119B	27
28	0.034B	0.001B	0.016B	1.30	1.68	1.38	0.345	0.274	0.583	0.468	0.200B	0.118B	28
29	0.030B		0.018B	1.53	1.76	1.55	0.307	0.242	0.600	0.455	0.198B	0.116B	29
30	0.026B		0.020B	1.82	1.75	1.63	0.287	0.346	0.610	0.440B	0.192B	0.112B	30
31	0.022B		0.022B		1.75		0.296	0.360		0.428B		0.110B	31
TOTAL	2.271	0.086	0.152	11.578	57.36	51.665	27.033	6.383	15.608	16.614	8.468	4.512	TOTAL
MEAN	0.073	0.003	0.005	0.386	1.85	1.72	0.872	0.206	0.520	0.536	0.282	0.146	MEAN
MAX	0.100	0.018	0.022	1.82	2.21	2.75	1.70	0.360	0.610	0.626	0.414	0.189	MAX
MIN	0.022	0.001	0.001	0.025	1.34	0.742	0.287	0.071	0.399	0.428	0.192	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.553
MAXIMUM DAILY, 2.75 ON JUN 04
MINIMUM DAILY, 0.001B ON FEB 08
MAXIMUM INSTANTANEOUS,
2.87 AT 03:30 YST ON JUN 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 50 N
LONG 136 58 42 W
DRAINAGE AREA, 194 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	196	JUL	2 340
FEB	7.43	AUG	551
MAR	13.1	SEP	1 350
APR	1 000	OCT	1 440
MAY	4 960	NOV	732
JUN	4 460	DEC	390

TOTAL DISCHARGE, 17 400 dam³

HESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.90B	6.98B	6.00B	5.50B	13.0B	675	231	137	128	176	36.5B	18.8B	1
2	8.85B	6.90B	5.98B	5.52B	10.0B	459	216	131	120	161	35.5B	18.2B	2
3	8.80B	6.80B	5.90B	5.55B	70.0B	358	212	136	118	153	34.5B	17.9B	3
4	8.70B	6.70B	5.85B	5.57B	104	334	201	134	130	138	33.5B	17.4B	4
5	8.65B	6.65B	5.80B	5.58B	122	365	191	159	138	121	32.5B	17.2B	5
6	8.60B	6.65B	5.78B	5.58B	131	345	188	160	156	104	31.5B	16.8B	6
7	8.50B	6.63B	5.77B	5.59B	123	294	193	202	202	99.4	30.5B	16.5B	7
8	8.45B	6.62B	5.76B	5.59B	125	255	191	216	179	104	29.5B	16.3B	8
9	8.40B	6.60B	5.75B	5.60B	92.6	240	197	181	159	102	29.0B	16.0B	9
10	8.35B	6.58B	5.74B	5.61B	51.5	294	201	167	175	92.2	28.0B	15.8B	10
11	8.30B	6.56B	5.70B	5.62B	54.9	297	196	156	198	84.6	27.5B	15.6B	11
12	8.20B	6.50B	5.65B	5.65B	55.9	293	170	151	190	83.3	27.0B	15.4B	12
13	8.10B	6.47B	5.62B	5.70B	59.1	295	147	143	196	80.5	26.5B	15.2B	13
14	8.00B	6.40B	5.60B	5.78B	62.5	278	140	131	217	78.7	25.5B	15.0B	14
15	8.00B	6.38B	5.60B	5.80B	68.1	294	134	124	217	71.6	25.0B	14.8B	15
16	7.95B	6.32B	5.58B	5.85B	87.3	379	128	126	303	46.4B	24.5B	14.5B	16
17	7.90B	6.30B	5.56B	5.90B	111	390	123	132	277	39.5B	24.0B	14.3B	17
18	7.80B	6.28B	5.50B	6.00B	131	348	119	150	242	38.5B	23.7B	14.0B	18
19	7.70B	6.25B	5.45B	6.05B	138	309	119	155	218	38.5B	23.3B	13.9B	19
20	7.60B	6.25B	5.42B	6.20B	133	292	123	208	202	39.0B	23.0B	13.7B	20
21	7.45B	6.25B	5.41B	6.30B	154	284	124	248	187	40.5B	22.7B	13.5B	21
22	7.35B	6.25B	5.42B	6.40B	207	271	123	224	208	42.0B	22.3B	13.4B	22
23	7.30B	6.22B	5.43B	6.50B	244	274	122	186	287	43.0B	22.0B	13.3B	23
24	7.25B	6.20B	5.43B	6.60B	237	540	116	159	324	43.0B	21.5B	13.1B	24
25	7.20B	6.18B	5.44B	6.80B	210	507	111	140	279	42.5B	21.0B	13.0B	25
26	7.15B	6.17B	5.46B	7.00B	262	388	108	126	251	42.0B	20.8B	12.8B	26
27	7.10B	6.10B	5.48B	7.49B	317	313	107	144	213	41.0B	20.3B	12.6B	27
28	7.05B	6.05B	5.50B	8.00B	356	282	100	132	194	40.5B	20.0B	12.4B	28
29	7.03B		5.50B	9.00B	474	277	97.5	150	206	39.5B	19.8B	12.2B	29
30	7.01B		5.50B	10.2 B	558	292	106	159	195	38.5B	19.5B	12.1B	30
31	7.00B		5.50B		719		138	141		38.0B		12.0B	31
TOTAL	244.64	180.24	174.08	188.53	5 500.9	10 182	4 672.5	4 888	6 109	2 301.7	780.9	457.7	TOTAL
MEAN	7.89	6.44	5.62	6.28	177	339	151	158	204	74.2	26.0	14.8	MEAN
MAX	8.90	6.98	6.00	10.2	719	675	231	248	324	176	36.5	18.8	MAX
MIN	7.00	6.05	5.41	5.50	13.0	240	97.5	124	118	38.0	19.5	12.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.8
MAXIMUM DAILY, 719 ON MAY 31
MINIMUM DAILY, 5.41B ON MAR 21
MAXIMUM INSTANTANEOUS,
769 AT 11:50 YST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 20 08 N
LONG 131 30 00 W
DRAINAGE AREA, 4 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 100	JUL	404 000
FEB	14 600	AUG	422 000
MAR	15 000	SEP	528 000
APR	16 300	OCT	199 000
MAY	475 000	NOV	67 500
JUN	880 000	DEC	39 500

TOTAL DISCHARGE, 3 080 000 dam³

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.30B	5.39B	5.00B	5.07B	7.20B	311	152	67.4	62.5	72.9	19.0B	12.3 B	1
2	6.27B	5.38B	5.00B	5.08B	7.50B	230	145	64.0	56.6	67.8	18.3B	12.1 B	2
3	6.22B	5.37B	4.99B	5.09B	7.90B	197	142	60.9	54.4	64.4	18.1B	12.0 B	3
4	6.19B	5.35B	4.99B	5.10B	8.25B	145	132	56.4	64.3	61.5	18.0B	11.8 B	4
5	6.15B	5.33B	4.99B	5.10B	8.70B	172	126	55.0	71.4	57.2	18.1B	11.7 B	5
6	6.10B	5.31B	4.99B	5.12B	9.20B	212	124	55.7	67.4	51.6A	18.2B	11.6 B	6
7	6.05B	5.29B	4.98B	5.14B	9.90B	211	126	81.6	80.9	52.2A	18.4B	11.5 B	7
8	6.00B	5.27B	4.98B	5.16B	10.8 B	208	125	85.4	79.9	52.6A	18.5B	11.4 B	8
9	5.98B	5.25B	4.98B	5.18B	11.6 B	185	120	73.2	71.8	52.3A	18.1B	11.3 B	9
10	5.95B	5.23B	4.98B	5.20B	12.4 B	183	120	69.3	69.2	48.7A	17.5B	11.1 B	10
11	5.93B	5.21B	4.98B	5.21B	13.9 E	183	118	67.5	77.1	44.5A	17.0B	11.0 B	11
12	5.90B	5.19B	4.98B	5.23B	15.4 E	189	102	67.1	77.4	44.0A	16.8B	10.8 B	12
13	5.87B	5.18B	4.97B	5.24B	17.5 E	199	94.3	64.5	73.6	42.4B	16.1B	10.7 B	13
14	5.84B	5.16B	4.98B	5.26B	20.5 A	200	91.9	57.2	69.3	40.0B	15.8B	10.6 B	14
15	5.80B	5.15B	4.98B	5.27B	22.0	203	84.9	56.2	67.1	33.5B	15.6B	10.5 B	15
16	5.77B	5.14B	4.98B	5.30B	26.8	198	81.2	55.7	80.3	29.0B	15.3B	10.4 B	16
17	5.74B	5.12B	4.98B	5.36B	32.5	194	80.6	54.6	75.0	28.7B	15.0B	10.3 B	17
18	5.72B	5.10B	4.99B	5.40B	39.5	179	77.4	54.1	68.4	29.0B	14.9B	10.2 B	18
19	5.68B	5.09B	4.99B	5.45B	45.0	163	76.4	52.0	66.3	29.5B	14.7B	10.1 B	19
20	5.65B	5.08B	4.99B	5.55B	50.0	153	79.9	63.8	62.7	30.0B	14.3B	10.0 B	20
21	5.63B	5.06B	4.99B	5.60B	57.7	148	79.6	59.1	59.2	29.5B	14.1B	9.90B	21
22	5.61B	5.05B	4.99B	5.70B	73.6	148	79.6	52.6	63.5	28.7B	13.9B	9.80B	22
23	5.59B	5.04B	4.99B	5.80B	82.5	160	77.9	50.5	79.2	27.6B	13.7B	9.70B	23
24	5.57B	5.02B	5.00B	5.93B	82.9	188	73.5	46.5	97.6	26.5B	13.5B	9.65B	24
25	5.55B	5.01B	5.00B	6.04B	76.5	165	70.3	42.6	99.1	25.5B	13.3B	9.60B	25
26	5.53B	5.01B	5.01B	6.25B	84.4	173	66.7	40.1	89.4	24.0B	13.2B	9.55B	26
27	5.51B	5.00B	5.02B	6.40B	91.6	166	62.5	39.4	79.2	23.2B	13.0B	9.50B	27
28	5.49B	5.00B	5.03B	6.60B	115	159	59.5	51.4	74.9	22.4B	12.8B	9.40B	28
29	5.46B		5.04B	6.80B	157	166	56.9	99.5	82.2	21.4B	12.7B	9.35B	29
30	5.43B		5.05B	7.00B	201	163	59.2	90.5	78.8	20.5B	12.5B	9.30B	30
31	5.40B		5.06B		278		68.9	72.1		20.0B		9.20B	31
TOTAL	179.86	144.78	154.88	166.63	1 676.75	5 511	2 953.2	1 903.9	2 196.7	1 201.1	470.4	326.35	TOTAL
MEAN	5.80	5.17	5.00	5.55	54.1	184	95.3	61.4	73.2	38.7	15.7	10.5	MEAN
MAX	6.30	5.39	5.06	7.00	278	311	152	99.5	99.1	72.9	19.0	12.3	MAX
MIN	5.40	5.00	4.97	5.07	7.20	145	56.9	39.4	54.4	20.0	12.5	9.20	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.3
MAXIMUM DAILY, 311 ON JUN 01
MINIMUM DAILY, 4.97B ON MAR 13
MAXIMUM INSTANTANEOUS,
324 AT 07:11 YST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 29 00 N
LONG 128 14 10 W
DRAINAGE AREA, 2 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 500	JUL	255 000
FEB	12 500	AUG	164 000
MAR	13 400	SEP	190 000
APR	14 400	OCT	104 000
MAY	145 000	NOV	40 600
JUN	476 000	DEC	28 200

TOTAL DISCHARGE, 1 460 000 dam³

YUKON TERRITORY

IBEX RIVER NEAR WHITEHORSE - STATION NO. 09AC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.866B	0.572B	0.368B	0.326B	1.95	21.4	13.2	3.23	2.23	2.18	1.38 B	0.770B	1
2	0.858B	0.561B	0.369B	0.327B	1.55	18.6	14.6	3.11	2.25	2.14	1.35 B	0.768B	2
3	0.849B	0.550B	0.367B	0.328B	1.39	10.8	12.7	2.98	2.20	2.18	1.31 B	0.771B	3
4	0.846B	0.539B	0.367B	0.329B	1.33	8.95	11.4	2.92	2.24	2.00B	1.30 B	0.774B	4
5	0.840B	0.529B	0.366B	0.330B	1.26	8.70	10.1	2.92	2.42	1.43B	1.27 B	0.777B	5
6	0.833B	0.518B	0.363B	0.331B	1.24	8.85	9.15	2.81	2.35	1.13B	1.24 B	0.780B	6
7	0.826B	0.507B	0.360B	0.333B	1.06	13.3	8.23	2.74	2.39	1.32B	1.20 B	0.782B	7
8	0.819B	0.496B	0.356B	0.334B	1.16	14.6	7.62	2.72	2.37	1.50B	1.17 B	0.785B	8
9	0.812B	0.485B	0.353B	0.335B	1.40	9.86	7.04	2.66	2.29	1.68B	1.14 B	0.788B	9
10	0.805B	0.477B	0.350B	0.337B	1.65	7.97	6.52	2.65	2.26	1.87B	1.12 B	0.791B	10
11	0.800B	0.468B	0.347B	0.339B	1.68	7.13	6.10	2.62	2.26	1.85B	1.10 B	0.792B	11
12	0.794B	0.462B	0.344B	0.341B	1.72	6.74	5.71	2.50	2.27	1.80B	1.08 B	0.788B	12
13	0.789B	0.457B	0.341B	0.349B	1.78	6.71	5.34	2.42	2.23	1.65B	1.07 B	0.775B	13
14	0.783B	0.451B	0.337B	0.359B	1.80	6.86	5.00	2.38	2.24	1.51B	1.05 B	0.763B	14
15	0.778B	0.445B	0.333B	0.371B	1.99	6.52	4.83	2.38	2.25	1.41B	1.03 B	0.750B	15
16	0.773B	0.440B	0.330B	0.400B	2.20	5.85	4.70	2.39	2.22	1.33B	1.01 B	0.740B	16
17	0.768B	0.436B	0.327B	0.448B	2.57	5.30	4.63	2.29	2.24	1.31B	0.988B	0.729B	17
18	0.763B	0.431B	0.324B	0.530B	2.70	4.72	4.62	2.28	2.31	1.44B	0.967B	0.719B	18
19	0.758B	0.427B	0.321B	0.600B	3.16	4.41	4.75	2.31	2.34	1.53B	0.946B	0.708B	19
20	0.750B	0.422B	0.320B	0.710B	3.45	4.14	4.48	2.32	2.30	1.60B	0.925B	0.709B	20
21	0.738B	0.418B	0.320B	0.760B	3.62	4.10	4.24	2.23	2.31	1.63B	0.908B	0.710B	21
22	0.725B	0.414B	0.320B	1.21 B	3.44	4.27	4.06	2.31	2.28	1.64B	0.890B	0.710B	22
23	0.709B	0.409B	0.320B	1.20 B	2.74	5.52	3.91	2.42	2.30	1.65B	0.873B	0.710B	23
24	0.694B	0.405B	0.320B	1.14 B	2.51	10.3	3.84	2.35	2.28	1.64B	0.855B	0.705B	24
25	0.678B	0.400B	0.321B	1.16 B	2.33	19.7	3.74	2.52	2.25	1.62B	0.838B	0.700B	25
26	0.662B	0.396B	0.321B	1.10 B	2.64	18.5	3.62	2.45	2.23	1.60B	0.805B	0.692B	26
27	0.649B	0.391B	0.321B	1.07 B	4.31	20.7	3.57	2.36	2.17	1.58B	0.798B	0.679B	27
28	0.636B	0.387B	0.322B	1.26 B	6.62	17.0	3.41	2.29	2.23	1.55B	0.790B	0.668B	28
29	0.624B		0.323B	1.69	7.46	12.8	3.30	2.29	2.59	1.51B	0.785B	0.658B	29
30	0.611B		0.324B	2.08	7.32	11.7	3.20	2.28	2.23	1.45B	0.780B	0.645B	30
31	0.585B		0.325B		11.2		3.19	2.25		1.42B		0.632B	31
TOTAL	23.421	12.893	10.479	20.427	91.03	306.00	190.80	78.38	68.23	50.15	30.968	22.768	TOTAL
MEAN	0.756	0.461	0.338	0.681	2.94	10.2	6.15	2.53	2.27	1.62	1.03	0.735	MEAN
MAX	0.866	0.572	0.368	2.08	11.2	21.4	14.6	3.23	2.42	2.18	1.38	0.792	MAX
MIN	0.585	0.387	0.320	0.326	1.06	4.10	3.19	2.23	2.17	1.13	0.780	0.632	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 21.4 ON JUN 01
MINIMUM DAILY, 0.320B ON MAR 20
MAXIMUM INSTANTANEOUS,
23.7E AT 22:56 YST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 43 36 N
LONG 135 29 06 W
DRAINAGE AREA, 457 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 020	JUL	16 500
FEB	1 110	AUG	6 770
MAR	905	SEP	5 900
APR	1 760	OCT	4 330
MAY	7 860	NOV	2 680
JUN	26 400	DEC	1 970

TOTAL DISCHARGE, 78 200 dam³

INDIAN RIVER ABOVE THE MOUTH - STATION NO. 09EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.079B	0.035B	0.029B	0.050B	27.6 B	8.75	7.36	7.00E	5.48E	5.81 E	0.360B	0.046B	1
2	0.078B	0.037B	0.030B	0.052B	29.9 B	7.87	6.48	6.11E	6.32E	4.80 E	0.335B	0.039B	2
3	0.076B	0.039B	0.032B	0.054B	46.0 B	6.89	5.92	5.22E	7.15E	4.72 E	0.309B	0.039B	3
4	0.075B	0.041B	0.033B	0.056B	72.0 B	5.67	5.56	6.59E	7.98E	4.18 B	0.284B	0.026B	4
5	0.074B	0.042B	0.034B	0.058B	71.0 B	4.90	5.11	7.96E	8.82E	3.50 B	0.258B	0.019B	5
6	0.073B	0.041B	0.034B	0.060B	66.6 E	4.39	4.48	9.33E	9.66E	3.01 B	0.241B	0.016B	6
7	0.072B	0.040B	0.034B	0.065B	62.1 E	3.86	3.99	10.7 E	9.08E	2.52 B	0.234B	0.013B	7
8	0.072B	0.039B	0.034B	0.066B	57.7 E	3.47	4.66	9.31E	8.50E	2.02 B	0.226B	0.010B	8
9	0.071B	0.037B	0.035B	0.070B	53.3 E	3.23	3.54	7.92E	8.92E	1.53 B	0.221B	0.007B	9
10	0.070B	0.036B	0.035B	0.074B	48.9 E	3.02	3.69	6.43E	9.34E	1.04 B	0.215B	0.004B	10
11	0.069B	0.035B	0.035B	0.076B	44.4 E	3.07	3.41	6.03E	10.3 E	0.958B	0.208B	0.003B	11
12	0.068B	0.034B	0.036B	0.080B	39.9 E	2.69	3.01	5.62E	14.0 E	0.877B	0.200B	0.002B	12
13	0.066B	0.033B	0.036B	0.088B	35.6 E	2.83	2.64	5.22E	15.8 E	0.795B	0.195B	0.001B	13
14	0.065B	0.032B	0.037B	0.099B	31.1 E	3.13	2.49	4.82E	14.8 E	0.800B	0.189B	0.001B	14
15	0.064B	0.031B	0.038B	0.113B	26.7 E	7.78	2.61	4.41E	13.9 E	0.825B	0.182B	0.001B	15
16	0.063B	0.030B	0.038B	0.137B	23.3 E	27.6	2.47	4.01E	12.9 E	0.865B	0.173B	0.001B	16
17	0.062B	0.030B	0.039B	0.168B	19.9 E	25.0	2.06	5.00E	12.0 E	0.900B	0.164B	0.001B	17
18	0.060B	0.029B	0.039B	0.235B	16.5 E	15.6	1.92	4.80E	11.0 E	0.910B	0.155B	0.001B	18
19	0.059B	0.029B	0.040B	0.602B	16.0 E	11.3	1.63	6.70E	10.1 E	0.900B	0.146B	0.001B	19
20	0.058B	0.028B	0.040B	1.60 B	16.2 E	10.8	1.41	8.60E	9.10E	0.860B	0.137B	0.001B	20
21	0.055B	0.028B	0.041B	4.52 B	16.8 E	10.8	1.51	10.5 E	8.18E	0.830B	0.128B	0.001B	21
22	0.053B	0.028B	0.042B	9.30 B	16.0 E	12.0	1.57	10.0 E	8.84E	0.770B	0.119B	0.001B	22
23	0.050B	0.028B	0.043B	24.0 B	14.9 E	16.5	1.15	8.30E	9.50E	0.710B	0.110B	0.001B	23
24	0.048B	0.027B	0.044B	49.9 B	13.9 E	16.7	1.21	7.75E	9.60E	0.660B	0.101B	0.001B	24
25	0.045B	0.027B	0.045B	45.9 B	12.8 E	12.1	2.10A	6.80E	9.06E	0.610B	0.092B	0.001B	25
26	0.042B	0.027B	0.045B	41.9 B	11.8 E	8.52	2.79	7.00E	8.52E	0.528B	0.084B	0.001B	26
27	0.039B	0.026B	0.046B	38.0 B	10.7 E	7.13	3.37	6.75E	7.97E	0.470B	0.076B	0.001B	27
28	0.038B	0.028B	0.047B	34.0 B	9.64E	6.01	3.20	6.49E	7.43E	0.420B	0.069B	0.001B	28
29	0.035B		0.047B	30.0 B	8.58A	7.41	3.41	6.24E	6.89E	0.396B	0.061B	0.001B	29
30	0.034B		0.048B	28.0 B	7.80	9.19	5.00E	5.99E	6.35E	0.385B	0.053B	0.001B	30
31	0.034B		0.049B		7.71		6.60E	5.73E		0.376B		0.001B	31
TOTAL	1.847	0.919	1.205	309.323	935.33	268.21	106.35	213.33	287.49	47.975	5.327	0.243	TOTAL
MEAN	0.060	0.033	0.039	10.3	30.2	8.94	3.43	6.88	9.58	1.55	0.178	0.008	MEAN
MAX	0.079	0.042	0.049	49.9	72.0	27.6	7.36	10.7	15.8	5.81	0.360	0.046	MAX
MIN	0.034	0.027	0.029	0.050	7.71	2.69	1.15	4.01	5.48	0.376	0.053	0.001	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.97
MAXIMUM DAILY, 72.0B ON MAY 04
MINIMUM DAILY, 0.001B ON DEC 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 16 N
LONG 139 37 45 W
DRAINAGE AREA, 2 220 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	160	JUL	9 190
FEB	79.4	AUG	18 400
MAR	104	SEP	24 800
APR	26 700	OCT	4 150
MAY	80 800	NOV	460
JUN	23 200	DEC	21.0

TOTAL DISCHARGE, 188 000 dam³

YUKON TERRITORY

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.4 B	8.86B	7.40B	7.59B	86.2B	421	110	115	90.7	134	25.9B	16.4B	1
2	10.4 B	8.80B	7.35B	7.68B	115 B	436	106	109	91.7	129	25.6B	16.2B	2
3	10.3 B	8.72B	7.30B	7.77B	134 B	371	105	101	91.3	120	25.2B	16.0B	3
4	10.3 B	8.66B	7.25B	7.86B	184 B	303	96.9	95.2	91.1	112	24.9B	15.8B	4
5	10.2 B	8.60B	7.21B	7.95B	224 B	267	88.9	125	93.1	101	24.6B	15.6B	5
6	10.2 B	8.54B	7.18B	8.20E	189	248	84.2	133	122	89.4	24.2B	15.5B	6
7	10.1 B	8.49B	7.16B	8.45B	157	206	79.3	132	148	87.0	23.9B	15.4B	7
8	10.1 B	8.43B	7.13B	8.70B	151	175	79.2	159	142	89.4	23.4B	15.3B	8
9	10.0 B	8.38B	7.11B	8.95B	154	158	83.3	171	133	88.8	22.9B	15.1B	9
10	10.0 B	8.32B	7.08B	9.20B	158	161	86.4	160	140	82.2	22.4B	15.0B	10
11	10.0 B	8.27B	7.05B	9.80B	158	151	88.0	152	163	76.2	22.0B	14.9B	11
12	9.90B	8.22B	7.03B	10.4 B	156	141	91.4	141	168	74.7	21.7B	14.8B	12
13	9.90B	8.16B	7.00B	12.3 B	152	136	86.7	129	159	74.3	21.3B	14.7B	13
14	9.80B	8.11B	7.00B	14.1 B	153	134	80.5	118	147	71.6	20.9B	14.7B	14
15	9.80B	8.06B	7.00B	16.0 B	163	140	74.7	110	138	67.6	20.6B	14.6B	15
16	9.76B	8.02B	7.00B	19.2 B	178	172	72.2	103	136	59.0	20.3B	14.5B	16
17	9.73B	7.97B	7.00B	22.4 B	194	176	68.7	99.5A	130	54.1	19.9B	14.4B	17
18	9.69B	7.92B	7.00B	25.6 B	222	162	65.9	92.0E	124	51.9	19.6B	14.4B	18
19	9.65B	7.87B	7.00B	27.8 B	245	216	62.2	87.5E	118	42.5	19.2B	14.3B	19
20	9.59B	7.82B	7.04B	32.0 B	256	212	59.0	86.0E	112	40.0B	18.9B	14.2B	20
21	9.53B	7.78B	7.10B	38.3 B	254	189	55.6	97.0E	107	30.0B	18.7B	14.1B	21
22	9.47B	7.74B	7.15B	44.6 B	278	207	53.2	110 E	103	22.5B	18.4B	14.1B	22
23	9.40B	7.70B	7.20B	50.8 B	313	221	51.5	123 E	107	20.8B	18.2B	14.0B	23
24	9.34B	7.65B	7.25B	57.1 B	262	197	50.2	119 E	129	21.0B	17.9B	13.9B	24
25	9.28B	7.61B	7.30B	57.1 B	227	177	53.3	111 E	140	22.5B	17.7B	13.9B	25
26	9.22B	7.56B	7.33B	57.2 B	218	158	64.4	107 E	151	25.0B	17.5B	13.8B	26
27	9.16B	7.52B	7.36B	57.2 B	232	142	68.6	103 A	149	25.8B	17.3B	13.7B	27
28	9.10B	7.48B	7.40B	63.7 B	277	132	70.3	103	142	26.0B	17.0B	13.6B	28
29	9.04B		7.43B	89.4 B	337	126	65.3	97.6	139	26.2B	16.8B	13.5B	29
30	8.98B		7.46B	84.6 B	384	118	65.6	94.9	138	26.2B	16.6B	13.4B	30
31	8.92B		7.50B		405		88.9	91.9		26.1B		13.3B	31
TOTAL	301.26	227.26	222.77	871.95	6 616.2	6 053	2 355.4	3 575.8	3 842.9	1 916.8	623.5	453.1	TOTAL
MEAN	9.72	8.12	7.19	29.1	213	202	76.0	115	128	61.8	20.8	14.6	MEAN
MAX	10.4	8.86	7.50	89.4	405	436	110	171	168	134	25.9	16.4	MAX
MIN	8.92	7.48	7.00	7.59	86.2	118	50.2	86.0	90.7	20.8	16.6	13.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 74.1
MAXIMUM DAILY, 436 ON JUN 02
MINIMUM DAILY, 7.00B ON MAR 13
MAXIMUM INSTANTANEOUS,
443 AT 06:49 YST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 02 34 N
LONG 139 24 28 W
DRAINAGE AREA, 7 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 000	JUL	204 000
FEB	19 600	AUG	309 000
MAR	19 200	SEP	332 000
APR	75 300	OCT	166 000
MAY	572 000	NOV	53 900
JUN	523 000	DEC	39 100

TOTAL DISCHARGE, 2 340 000 dam³

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.10B	6.55B	8.60B	12.6B	18.5	59.2	191	297	241	122	59.0B	19.2B	1
2	8.08B	6.50B	8.80B	12.7B	19.1	65.4	200	296	238	117	58.5B	17.8B	2
3	7.98B	6.45B	9.00B	12.9B	20.4	69.6	209	293	239	115	57.0B	17.1B	3
4	7.90B	6.43B	9.43B	12.9B	20.4	75.0	218	296	225	117	54.3B	16.9B	4
5	7.80B	6.42B	9.91B	13.0B	20.3	82.2	228	289	227	121	51.8B	16.6B	5
6	7.70B	6.41B	10.3 B	12.9B	20.6	87.3	236	285	214	113	48.0B	16.6B	6
7	7.61B	6.40B	10.4 B	12.8B	21.4	94.2	243	286	213	115	44.9B	16.7B	7
8	7.50B	6.40B	10.5 B	12.8B	21.2	102	244	285	211	107	42.7B	16.6B	8
9	7.51B	6.39B	10.6 B	12.8B	21.6	108	238	284	211	102	41.3B	16.4B	9
10	7.58B	6.37B	10.6 B	12.8B	21.1	115	262	275	204	108	40.1B	16.2B	10
11	7.61B	6.36B	10.7 B	12.8B	22.6	114	254	264	197	104	38.5B	16.3B	11
12	7.63B	6.38B	10.8 B	13.7	23.3	118	244	265	208	93.6	37.0B	16.5B	12
13	7.67B	6.45B	11.0 B	13.5	23.2	125	247	266	199	92.8	35.5B	16.7B	13
14	7.70B	6.52B	11.3 B	13.1	24.2	130	251	267	202	92.0B	33.5B	16.6B	14
15	7.75B	6.58B	11.7 B	13.5	26.1	130	246	272	182	86.1	32.2B	16.6B	15
16	7.76B	6.59B	11.9 B	13.3	27.7	142	243	276	183	85.7	31.2B	16.4B	16
17	7.76B	6.58B	11.8 B	13.4	29.7	140	243	280	188	80.2	30.7B	16.3B	17
18	7.79B	6.50B	11.7 B	14.1	31.1	142	245	282	170	78.0B	30.2B	16.2B	18
19	7.80B	6.48B	11.7 B	14.5	32.5	145	246	297	177	75.3B	30.0B	16.0B	19
20	7.75B	6.57B	11.8 B	14.5	33.5	155	253	279	171	74.2B	29.8B	15.9B	20
21	7.71B	6.69B	11.9 B	14.7	36.0	146	256	276	158	73.0B	29.5B	15.8B	21
22	7.59B	7.00B	12.1 B	14.7	35.3	146	262	273	169	72.7B	28.9B	15.8B	22
23	7.48B	7.39B	12.3 B	15.3	37.9	151	269	271	168	72.0B	27.2B	15.8B	23
24	7.37B	7.86B	12.5 B	15.5	39.4	146	275	264	154	69.9B	25.3B	15.9B	24
25	7.20B	8.02B	12.7 B	16.3	40.5	156	280	265	144	69.0B	24.9B	15.9B	25
26	7.08B	8.26B	12.9 B	17.0	41.1	161	281	266	151	69.0B	24.9B	15.8B	26
27	6.95B	8.34B	12.9 B	17.1	45.5	167	290	261	163	69.0B	24.6B	15.4B	27
28	6.82B	8.38B	12.8 B	17.1	46.9	172	298	248	134	68.0B	23.9B	15.1B	28
29	6.75B		12.8 B	17.6	48.7	178	292	252	139	64.5B	23.2B	14.9B	29
30	6.65B		12.7 B	17.8	48.6	185	291	249	132	62.0B	21.6B	14.8B	30
31	6.57B		12.6 B		51.4		297	246		59.9B		14.8B	31
TOTAL	233.07	191.27	350.74	427.6	950.3	3 806.9	7 851	8 505	5 612	2 747.9	1 080.2	503.6	TOTAL
MEAN	7.52	6.83	11.3	14.3	30.7	127	253	274	187	88.6	36.0	16.2	MEAN
MAX	8.10	8.38	12.9	17.8	51.4	185	298	297	241	122	59.0	19.2	MAX
MIN	6.57	6.36	8.60	12.6	18.5	59.2	191	246	132	59.9	21.6	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.4
MAXIMUM DAILY, 298 ON JUL 28
MINIMUM DAILY, 6.36B ON FEB 11
MAXIMUM INSTANTANEOUS,
312 AT 10:06 YST ON JUL 28

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 37 N
LONG 139 02 56 W
DRAINAGE AREA, 4 950 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 100	JUL	678 000
FEB	16 500	AUG	735 000
MAR	30 300	SEP	485 000
APR	36 900	OCT	237 000
MAY	82 100	NOV	93 300
JUN	329 000	DEC	43 500

TOTAL DISCHARGE, 2 790 000 dam³

YUKON TERRITORY

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	104 B	78.0B	65.5B	63.6B	156	2 100	1 160	382	249	341E	175B	140 B	1
2	103 B	77.5B	65.0B	63.8B	174	2 700	1 160	382	248	343E	168B	139 B	2
3	102 B	77.0B	64.8B	63.9B	192	2 630	1 110	372	249	342E	150B	138 B	3
4	101 B	76.5B	64.6B	64.0B	210	2 250	1 050	361	252	334E	130B	136 B	4
5	100 B	76.0B	64.5B	64.1B	217	1 990	1 010	345	265	328E	129B	133 B	5
6	99.0B	75.8B	64.1B	64.3B	252	1 890	962	340	308	318E	135B	130 B	6
7	98.0B	74.8B	64.0B	64.7B	329	1 860	924	340	322	308E	149B	127 B	7
8	96.5B	74.2B	63.8B	65.0B	369	1 840	886	355	322	300E	153B	125 B	8
9	96.0B	74.0B	63.7B	65.5B	373	1 910	848	355	326	299E	156B	123 B	9
10	94.0B	73.5B	63.5B	66.0B	389	1 730	816	350	329	298E	157B	121 B	10
11	93.0B	72.5B	63.4B	66.6B	410	1 610	786	346	334	299E	158B	119 B	11
12	92.0B	72.0B	63.3B	68.0B	424	1 520	763	342	336	295E	159B	117 B	12
13	91.5B	71.7B	63.2B	70.0B	448	1 450	736	333	337	283E	160B	116 B	13
14	91.0B	71.0B	63.1B	72.0B	474	1 410	709	322	339	275E	161B	115 B	14
15	90.0B	70.5B	63.0B	74.0B	531A	1 380	675	314	335	269E	160B	114 B	15
16	89.0B	70.0B	62.9B	75.5B	575	1 330	648	308	341A	264A	158B	112 B	16
17	88.0B	69.7B	62.8B	77.5B	629	1 300	633	298	340E	260	155B	111 B	17
18	87.0B	69.3B	62.7B	80.0B	666	1 230	621	290	339E	249	153B	110 B	18
19	86.5B	69.0B	62.6B	82.0B	722	1 160	606	285	338E	233	152B	109 B	19
20	86.0B	68.5B	62.5B	85.0B	787	1 100	586	281	336E	218	152B	108 B	20
21	85.0B	68.1B	62.4B	88.0B	826	1 050	561	279	334E	210B	153B	107 B	21
22	84.0B	67.8B	62.3B	92.0B	879	1 000	533	279	331E	200B	154B	106 B	22
23	83.5B	67.4B	62.1B	95.0B	945	989	520	277	329E	190B	154B	105 B	23
24	82.5B	67.0B	62.2B	100 B	952	996	505	275	330E	188B	153B	104 B	24
25	82.0B	66.5B	62.3B	104 B	919	1 030	487	269	334E	189B	152B	103 B	25
26	81.5B	66.2B	62.5B	110 B	910	1 120	466	261	345E	192B	150B	102 B	26
27	81.0B	66.0B	62.7B	117 B	937	1 160	446	255	353E	193B	149B	101 B	27
28	80.0B	65.7B	62.9B	126	1 010	1 160	429	249	349E	191B	148B	100 B	28
29	79.5B		63.0B	128	1 180	1 120	409	242	341E	189B	145B	99.0B	29
30	79.0B		63.1B	140	1 410	1 100	395	243	340E	184B	143B	98.5B	30
31	78.5B		63.3B		1 610		384	247		181B		98.0B	31
TOTAL	2 784.0	1 996.2	1 961.8	2 495.5	19 905	45 015	21 824	9 577	9 631	7 963	4 570	3 566.5	TOTA
MEAN	89.8	71.3	63.3	83.2	642	1 500	704	309	321	257	152	115	MEAN
MAX	104	78.0	65.5	140	1 610	2 700	1 160	382	353	343	175	140	MAX
MIN	78.5	65.7	62.1	63.6	156	989	384	242	248	181	129	98.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 360
MAXIMUM DAILY, 2 700 ON JUN 02
MINIMUM DAILY, 62.1B ON MAR 23
MAXIMUM INSTANTANEOUS,
2 800 AT 20:25 YST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 03 00 N
LONG 128 54 00 W
DRAINAGE AREA, 33 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	241 000	JUL	1 890 000
FEB	172 000	AUG	827 000
MAR	169 000	SEP	832 000
APR	216 000	OCT	688 000
MAY	1 720 000	NOV	395 000
JUN	3 890 000	DEC	308 000

TOTAL DISCHARGE, 11 300 000 dam³

LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK - STATION NO. 09EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46B	1.18 B	0.960B	0.850B	10.0B	25.7	4.40	10.1 E	9.26	5.90B	3.13B	1.77B	1
2	1.45B	1.17 B	0.951B	0.860B	12.8B	16.8	5.06	10.6 E	9.00	5.30B	3.05B	1.76B	2
3	1.44B	1.16 B	0.941B	0.870B	16.0B	11.6	4.53	10.2 E	8.26	4.60B	2.98B	1.73B	3
4	1.43B	1.15 B	0.931B	0.880B	21.0B	9.67	4.17	10.8 E	6.97	4.00B	2.90B	1.71B	4
5	1.42B	1.14 B	0.926B	0.890B	26.8B	9.39	3.73	12.3 E	7.07	3.30B	2.83B	1.68B	5
6	1.41B	1.13 B	0.921B	0.905B	23.9B	7.34	3.61	11.1 E	7.67	2.80B	2.75B	1.67B	6
7	1.40B	1.12 B	0.916B	0.920B	21.0B	6.48	3.41	16.2 E	7.19	2.60B	2.68B	1.66B	7
8	1.39B	1.11 B	0.910B	0.935B	19.8B	5.74	3.85	22.8 E	7.05	2.50B	2.62B	1.64B	8
9	1.38B	1.10 B	0.905B	0.950B	20.0B	5.49	4.54	18.1 E	5.89	2.54B	2.56B	1.63B	9
10	1.37B	1.10 B	0.900B	0.975B	19.7	5.40	3.90	16.2 E	6.25	2.60B	2.49B	1.62B	10
11	1.36B	1.09 B	0.893B	0.995B	20.2	5.17	3.78	15.1 E	6.62	2.72B	2.43B	1.60B	11
12	1.35B	1.08 B	0.886B	1.02 B	20.8	5.22	3.42	14.5 E	6.35	2.89B	2.37B	1.60B	12
13	1.34B	1.07 B	0.880B	1.04 B	20.1	4.84	3.22	13.8 E	5.76	3.12B	2.33B	1.59B	13
14	1.33B	1.06 B	0.873B	1.07 B	21.8	4.68	2.88	13.2 E	5.03	3.33B	2.28B	1.59B	14
15	1.32B	1.06 B	0.866B	1.12 B	25.4	5.00	2.46	12.6 E	6.04	3.44B	2.24B	1.59B	15
16	1.31B	1.06 B	0.861B	1.15 B	29.3	6.65	2.32	12.1 E	8.21	3.50B	2.19B	1.58B	16
17	1.30B	1.05 B	0.856B	1.20 B	34.2	5.94	2.24	11.6 E	8.82	3.55B	2.15B	1.58B	17
18	1.29B	1.04 B	0.850B	1.25 B	37.7	11.3	2.09	11.2 A	11.4	3.59B	2.12B	1.58B	18
19	1.28B	1.03 B	0.845B	1.30 B	34.0	15.2	1.96A	10.6	6.42	3.60B	2.09B	1.57B	19
20	1.27B	1.02 B	0.840B	1.38 B	34.5	11.0	1.89E	10.3	8.61	3.58B	2.05B	1.57B	20
21	1.26B	1.01 B	0.834B	1.47 B	32.5	8.60	1.86E	9.75	8.61	3.57B	2.02B	1.57B	21
22	1.25B	1.01 B	0.828B	1.57 B	49.9	14.2	1.83E	9.69	8.19	3.56B	1.99B	1.56B	22
23	1.25B	1.00 B	0.822B	1.68 B	35.8	10.3	1.80E	9.47	7.50	3.51B	1.97B	1.56B	23
24	1.24B	0.997B	0.818B	1.82 B	26.2	8.12	2.70E	9.71	6.78	3.49B	1.94B	1.56B	24
25	1.23B	0.991B	0.810B	2.38 B	24.3	6.92	3.34A	11.7	6.42B	3.48B	1.91B	1.56B	25
26	1.22B	0.984B	0.815B	3.10 B	22.8	5.95	4.90E	12.4	6.90B	3.46B	1.89B	1.56B	26
27	1.21B	0.977B	0.820B	4.00 B	30.7	5.55	6.50E	11.1	7.31	3.40B	1.86B	1.55B	27
28	1.20B	0.970B	0.825B	5.00 B	39.1	5.53	6.00E	10.4	7.13	3.35B	1.84B	1.55B	28
29	1.20B		0.830B	6.30 B	35.8	5.56	5.40E	10.2	6.69	3.30B	1.81B	1.55B	29
30	1.19B		0.835B	7.70 B	31.2	4.69	8.20E	10.1	6.63	3.25B	1.79B	1.54B	30
31	1.18B		0.842B		28.4		11.0 E	9.78		3.20B		1.54B	31
TOTAL	40.73	29.859	26.990	55.580	826.7	254.03	120.99	377.70	220.03	107.03	69.26	49.82	TOTA
MEAN	1.31	1.07	0.871	1.85	26.7	8.47	3.90	12.2	7.33	3.45	2.31	1.61	MEAN
MAX	1.46	1.18	0.960	7.70	49.9	25.7	11.0	22.8	11.4	5.90	3.13	1.77	MAX
MIN	1.18	0.970	0.810	0.850	10.0	4.68	1.80	9.47	5.03	2.50	1.79	1.54	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.97
MAXIMUM DAILY, 49.9 ON MAY 22
MINIMUM DAILY, 0.810B ON MAR 25
MAXIMUM INSTANTANEOUS,
58.5 AT 10:53 YST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 59 45 N
LONG 137 34 20 W
DRAINAGE AREA, 860 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 520	JUL	10 500
FEB	2 580	AUG	32 600
MAR	2 330	SEP	19 000
APR	4 800	OCT	9 250
MAY	71 400	NOV	5 980
JUN	21 900	DEC	4 300

TOTAL DISCHARGE, 188 000 dam³

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.59B	2.05B	2.15B	2.21B	4.04B	8.52	5.44	1.86	1.19E	1.82	2.39B	2.67B	1
2	2.58B	2.04B	2.12B	2.20B	4.39B	8.42	5.42	1.81	1.29E	1.81	2.38B	2.70B	2
3	2.57B	2.04B	2.11B	2.20B	4.75B	8.56	5.54	1.65	1.39E	1.81	2.40B	2.75B	3
4	2.55B	2.04B	2.12B	2.20B	4.91A	8.66	5.31	1.46	1.48E	1.78	2.42B	2.80B	4
5	2.51B	2.04B	2.14B	2.20B	5.16	8.59	5.19	1.40	1.51E	1.79	2.44B	2.85B	5
6	2.48B	2.03B	2.13B	2.20B	5.24	8.63	5.24	1.35	1.49E	1.77	2.45B	2.88B	6
7	2.40B	2.03B	2.12B	2.20B	5.28	8.78	5.13	1.25	1.42E	2.66	2.44B	2.91B	7
8	2.37B	2.03B	2.10B	2.20B	5.30	8.65	4.78	1.12	1.38E	2.83	2.42B	2.94B	8
9	2.34B	2.03B	2.04B	2.20B	5.40	8.45	4.61	1.06	1.34E	2.90	2.40B	2.97B	9
10	2.36B	2.03B	2.00B	2.20B	5.58	8.31	4.65	1.02	1.29E	2.92	2.38B	3.10B	10
11	2.37B	2.03B	1.98B	2.21B	5.84	8.05	4.53	1.01	1.28E	2.88	2.38B	3.12B	11
12	2.38B	2.03B	1.99B	2.22B	6.12	7.89	4.27	1.00	1.27E	2.87	2.41B	3.14B	12
13	2.38B	2.03B	2.02B	2.24B	6.36	7.66	4.25	0.973	1.30E	2.79	2.44B	3.16B	13
14	2.39B	2.03B	2.04B	2.27B	6.56	7.33	4.02	0.913	1.33E	2.58	2.47B	3.18B	14
15	2.40B	2.04B	2.03B	2.29B	7.21	7.02	3.95	0.834	1.38E	2.38	2.50B	3.20B	15
16	2.39B	2.05B	2.02B	2.30B	7.28	6.90	3.96	0.857	1.41E	2.27	2.56B	3.15B	16
17	2.39B	2.06B	1.98B	2.32B	7.53	6.55	4.00	0.896	1.48E	2.23B	2.62B	3.10B	17
18	2.39B	2.09B	1.97B	2.35B	7.82	6.25	3.95	0.938	1.54E	2.22B	2.68B	3.03B	18
19	2.39B	2.10B	1.98B	2.37B	7.87	6.00A	3.72	0.989	1.60E	2.26B	2.74B	2.97B	19
20	2.38B	2.11B	1.99B	2.40B	7.93	5.70E	3.54	1.08	1.63E	2.30B	2.80B	2.90B	20
21	2.37B	2.14B	2.01B	2.45B	7.90	5.50E	3.18	1.15 A	1.59E	2.34B	2.75B	2.92B	21
22	2.34B	2.17B	2.03B	2.49B	7.63	5.37E	2.98	1.17 E	1.50E	2.38B	2.70B	2.94B	22
23	2.30B	2.20B	2.08B	2.53B	7.55	5.18E	2.81	1.09 E	1.51E	2.42B	2.65B	2.96B	23
24	2.24B	2.21B	2.13B	2.67B	7.52	5.08E	2.70	0.860E	1.54E	2.46B	2.60B	2.98B	24
25	2.20B	2.22B	2.18B	2.79B	7.40	5.01E	2.49	0.750E	1.60E	2.50B	2.60B	3.00B	25
26	2.15B	2.24B	2.20B	2.97B	7.22	5.03E	2.42	0.760E	1.68E	2.50B	2.61B	3.02B	26
27	2.10B	2.26B	2.21B	3.12B	7.07	5.08E	2.29	0.775E	1.73E	2.48B	2.62B	3.04B	27
28	2.08B	2.25B	2.22B	3.33B	7.00	5.29A	2.14	0.820E	1.82E	2.46B	2.63B	3.06B	28
29	2.07B		2.23B	3.50B	7.30	5.09	2.13	0.870E	1.96A	2.44B	2.64B	3.04B	29
30	2.07B		2.22B	3.74B	7.74	5.11	2.05	0.980E	1.88	2.42B	2.65B	3.02B	30
31	2.06B		2.22B		8.42		1.91	1.06 E		2.40B		3.00B	31
TOTAL	72.59	58.62	64.76	74.57	203.32	206.68	118.60	33.763	44.81	73.67	76.17	92.50	TOTAL
MEAN	2.34	2.09	2.09	2.49	6.56	6.89	3.83	1.09	1.49	2.38	2.54	2.98	MEAN
MAX	2.59	2.26	2.23	3.74	8.42	8.78	5.54	1.86	1.96	2.92	2.80	3.20	MAX
MIN	2.06	2.03	1.97	2.20	4.04	5.01	1.91	0.750	1.19	1.77	2.38	2.67	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.07
MAXIMUM DAILY, 8.78 ON JUN 07
MINIMUM DAILY, 0.750E ON AUG 25
MAXIMUM INSTANTANEOUS
9.06 AT 15:54 YST ON JUN 07

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 04 52 N
LONG 133 51 30 W
DRAINAGE AREA, 1 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 270	JUL	10 200
FEB	5 060	AUG	2 920
MAR	5 600	SEP	3 870
APR	6 440	OCT	6 370
MAY	17 600	NOV	6 580
JUN	17 900	DEC	7 990

TOTAL DISCHARGE, 96 800 dam³

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.24B	2.40B	2.48B	2.60B	5.79B	39.5	19.4 E	8.96	5.59	7.16	4.10B	3.47B	1
2	3.23B	2.38B	2.43B	2.60B	6.57B	41.0	20.8 E	8.83	5.66	6.94	4.11B	3.47B	2
3	3.21B	2.35B	2.43B	2.60B	7.25B	42.5	20.2 E	8.68	5.56	7.01	4.13B	3.49B	3
4	3.20B	2.36B	2.49B	2.60B	8.42	38.8A	19.7 E	8.44	5.60	6.97	4.15B	3.50B	4
5	3.15B	2.38B	2.52B	2.60B	8.66	36.5E	18.8 E	8.18	6.35	6.49	4.17B	3.50B	5
6	3.10B	2.35B	2.49B	2.60B	9.09	35.0E	18.1 E	8.03	6.35	6.36	4.15B	3.51B	6
7	3.03B	2.32B	2.45B	2.60B	8.60	36.1E	17.4 E	7.92	6.07	6.72	4.08B	3.51B	7
8	2.99B	2.31B	2.39B	2.60B	8.73	35.5E	16.8 E	7.79	6.15	6.76	4.02B	3.53B	8
9	2.97B	2.31B	2.36B	2.62B	9.96	33.8E	16.1 E	7.58	6.02	6.80	3.99B	3.54B	9
10	2.94B	2.31B	2.32B	2.64B	12.1	32.4E	16.0 E	7.68	6.02	6.73	3.91B	3.50B	10
11	2.95B	2.34B	2.31B	2.65B	14.7	30.5E	16.9 E	7.62	5.94	6.62	3.88B	3.46B	11
12	2.98B	2.39B	2.30B	2.67B	17.4	29.0E	16.2 E	7.31	6.07	6.61	3.89B	3.40B	12
13	2.99B	2.40B	2.34B	2.70B	19.0	27.8E	15.6 A	7.10	6.12	6.56	3.90B	3.34B	13
14	3.00B	2.41B	2.38B	2.74B	20.4	26.5E	15.0	6.95	6.03	6.44	3.93B	3.28B	14
15	3.00B	2.42B	2.32B	2.78B	23.5	24.9E	14.4	6.74	5.94	6.13	3.98B	3.22B	15
16	2.99B	2.42B	2.29B	2.83B	26.4	23.9E	14.1	6.61	5.90	5.75B	3.99B	3.20B	16
17	2.99B	2.43B	2.23B	2.89B	26.1	23.1E	13.7	6.47	5.95	5.15B	3.98B	3.19B	17
18	2.98B	2.44B	2.20B	2.95B	26.5	21.9E	13.4	6.27	6.08	5.00B	3.97B	3.20B	18
19	2.97B	2.43B	2.19B	3.02B	27.4	20.7E	13.2	6.22	6.72	4.95B	3.95B	3.21B	19
20	2.96B	2.42B	2.18B	3.10B	26.8	18.8E	12.6	6.39	6.80	4.91B	3.92B	3.24B	20
21	2.94B	2.47B	2.20B	3.20B	26.2	17.6E	12.0	6.23	6.58	4.90B	3.90B	3.27B	21
22	2.91B	2.49B	2.29B	3.30B	25.9	17.4E	11.7	6.02	6.45	4.90B	3.84B	3.29B	22
23	2.89B	2.50B	2.39B	3.40B	25.7	19.0E	11.2	5.94	6.33	4.80B	3.80B	3.29B	23
24	2.81B	2.49B	2.44B	3.60B	20.7	19.8E	10.9	6.05	6.35	4.62B	3.76B	3.28B	24
25	2.79B	2.50B	2.50B	3.80B	19.1	20.9E	10.5	5.93	6.40	4.60B	3.70B	3.26B	25
26	2.72B	2.51B	2.53B	4.97B	18.8	22.1E	9.97	5.91	6.39	4.59B	3.65B	3.25B	26
27	2.69B	2.53B	2.55B	4.15B	19.7	21.4E	9.79	5.84	6.32	4.58B	3.59B	3.21B	27
28	2.61B	2.54B	2.58B	4.45B	22.9	20.7E	9.46	5.79	6.45	4.51B	3.51B	3.16B	28
29	2.53B		2.60B	4.80B	25.4	19.5E	9.25	5.71	7.32	4.39B	3.49B	3.12B	29
30	2.49B		2.60B	5.23B	29.3	19.0E	9.02	5.64	7.51	4.25B	3.47B	3.08B	30
31	2.45B		2.60B		31.7		8.94	5.61		4.15B		3.02B	31
TOTAL	90.70	67.60	74.38	95.29	575.47	815.6	441.13	214.40	187.02	176.35	116.91	103.01	TOTAL
MEAN	2.93	2.41	2.40	3.18	18.6	27.2	14.2	6.92	6.23	5.69	3.90	3.32	MEAN
MAX	3.24	2.54	2.60	5.23	31.7	42.5	20.8	8.96	7.51	7.16	4.17	3.54	MAX
MIN	2.45	2.31	2.18	2.60	5.79	17.4	8.94	5.61	5.56	4.15	3.47	3.02	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.10
MAXIMUM DAILY, 42.5 ON JUN 03
MINIMUM DAILY, 2.18B ON MAR 20
MAXIMUM INSTANTANEOUS
44.4 AT 18:22 YST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 45 N
LONG 134 27 27 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 840	JUL	38 100
FEB	5 840	AUG	18 500
MAR	6 430	SEP	16 200
APR	8 230	OCT	15 200
MAY	49 700	NOV	10 100
JUN	70 500	DEC	8 900

TOTAL DISCHARGE, 256 000 dam³

YUKON TERRITORY

MACMILLAN RIVER NEAR THE MOUTH - STATION NO. 09BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23.0B	14.5B	13.2B	13.4B	116B	638	346	125	216	348	76.0B	35.5B
2	22.5B	14.5B	13.2B	13.5B	130B	659	335	129	219	348	71.0B	35.0B
3	22.0B	14.5B	13.2B	13.6B	140B	680	320	139	208	338	68.0B	34.0B
4	21.5B	14.5B	13.2B	13.7B	167	682	307	145	202	320	64.5B	33.0B
5	21.0B	14.5B	13.2B	13.7B	193	581	292	146	203	299	62.0B	32.5B
6	20.7B	14.5B	13.2B	13.8B	219	457	280	148	225	281	60.0B	31.5B
7	20.5B	14.4B	13.2B	13.9B	236	425	265	152	260	264	59.0B	31.0B
8	20.2B	14.1B	13.2B	14.0B	243	415	254	156	293	250	57.0B	30.5B
9	20.1B	13.9B	13.1B	14.0B	241	395	247	163	318	242	55.5B	30.2B
10	20.0B	13.8B	13.1B	14.1B	253	368	251	188	339	236	53.0B	30.0B
11	19.9B	13.8B	13.1B	14.2B	274	347	244	211	348	231	51.0B	29.9B
12	19.8B	13.7B	13.1B	14.5B	286	338	236	204	398	222	50.0B	29.8B
13	19.6B	13.7B	13.0B	14.6B	286	335	231	192	457	209	49.0B	29.8B
14	19.4B	13.7B	13.0B	14.7B	279	325	228	183	489	204	48.5B	29.6B
15	19.2B	13.7B	13.0B	15.0B	277	317	217	174	474	194	48.0B	29.4B
16	19.1B	13.6B	13.0B	15.2B	285	308	205	165	446	184	47.5B	29.0B
17	19.0B	13.6B	13.0B	15.5B	300	296	193	156	439	169 B	46.5B	28.4B
18	18.9B	13.5B	13.0B	15.8B	323	298	184	149	449	150 B	46.0B	28.0B
19	18.6B	13.5B	13.0B	16.0B	341	309	177	144	476	132 B	45.0B	27.5B
20	18.3B	13.4B	13.0B	16.6B	373	306	171	143	458	126 B	44.0B	27.0B
21	18.0B	13.4B	13.0B	17.1B	388	293	165	144	427	122 B	42.9B	26.8B
22	17.6B	13.4B	12.9B	18.0B	393	283	159	152	410	120 B	42.0B	26.5B
23	17.0B	13.4B	12.9B	18.8B	407	277	154	174	397	118 B	41.5B	26.2B
24	16.5B	13.3B	13.0B	20.0B	446	278	149	213	380	112 B	41.0B	26.0B
25	16.0B	13.3B	13.0B	23.0B	476	326	145	220	369	108 B	40.5B	25.8B
26	15.7B	13.2B	13.0B	24.5B	474	465	140	202	367	100 B	39.5B	25.5B
27	15.4B	13.2B	13.0B	29.5B	449	548	137	188	373	95.0B	39.0B	25.2B
28	15.1B	13.2B	13.1B	39.0B	453	544	132	181	365	91.0B	38.0B	25.0B
29	15.0B		13.1B	65.0B	504	450	129	178	357	86.0B	37.0B	24.9B
30	14.8B		13.2B	98.0B	555	383	129	183	350	83.0B	36.5B	24.5B
31	14.6B		13.3B		597		127	198		79.0B		24.2B
TOTAL	579.0	385.8	405.5	642.7	10 114	12 326	6 549	5 245	10 712	5 861.0	1 499.4	892.1
MEAN	18.7	13.8	13.1	21.4	326	411	211	169	357	189	50.0	28.8
MAX	23.0	14.5	13.3	98.0	597	682	346	220	489	348	76.0	35.5
MIN	14.6	13.2	12.9	13.4	116	277	127	125	202	79.0	36.5	24.2

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 151
MAXIMUM DAILY, 682 ON JUN 04
MINIMUM DAILY, 12.9B ON MAR 22
MAXIMUM INSTANTANEOUS,
686 AT 10:42 YST ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 36 N
LONG 135 30 36 W
DRAINAGE AREA, 13 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 000	JUL	566 0
FEB	33 300	AUG	453 0
MAR	35 000	SEP	926 0
APR	55 500	OCT	506 0
MAY	874 000	NOV	130 0
JUN	1 060 000	DEC	77 1

TOTAL DISCHARGE, 4 770 000 d

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.450	1.967	1.568	1.061	0.566	0.922	2.207	2.831	3.199	3.139	2.690	2.639
2	2.435	1.949	1.552	1.036	0.563	0.976	2.247	2.858	3.201	3.114	2.696	2.636
3	2.426	1.932	1.543	1.019	0.553	1.044	2.292	2.867	3.200	3.093	2.680	2.636
4	2.418	1.914	1.527	0.995	0.547	1.124	2.333	2.877	3.190	3.060	2.700	2.638
5	2.409	1.899	1.506	0.974	0.541	1.201	2.370	2.889	3.174	3.045	2.708	2.633
6	2.401	1.883	1.479	0.948	0.525	1.279	2.409	2.911	3.175	3.036	2.725	2.645
7	2.392	1.863	1.464	0.896	0.521	1.368	2.453	2.920	3.158	3.008	2.702	2.645
8	2.384	1.845	1.441	0.865	0.517	1.442	2.490	2.926	3.134	2.995	2.672	2.641
9	2.369	1.822	1.417	0.839	0.519	1.514	2.534	2.922	3.147	2.958	2.672	2.630
10	2.353	1.805	1.392	0.833	0.522	1.584	2.558	2.934	3.147	2.928	2.674	2.619
11	2.338	1.787	1.367	0.820	0.525	1.643	2.583	2.950	3.115	2.902	2.679	2.618
12	2.333	1.772	1.360	0.810	0.527	1.704	2.599	2.969	3.092	2.872	2.680	2.617
13	2.324	1.753	1.337	0.788	0.525	1.748	2.619	2.988	3.085	2.851	2.685	2.610
14	2.319	1.733	1.330	0.772	0.533	1.805	2.635	3.015	3.075	2.830	2.676	2.604
15	2.298	1.718	1.313	0.754	0.541	1.846	2.634	3.040	3.068	2.799	2.693	2.586
16	2.273	1.703	1.296	0.729	0.554	1.892	2.632	3.082	3.061	2.764	2.711	2.581
17	2.258	1.686	1.291	0.716	0.562	1.938	2.631	3.120	3.048	2.722	2.704	2.573
18	2.251	1.675	1.278	0.706	0.573	1.967	2.633	3.133	3.040	2.702	2.703	2.568
19	2.241	1.671	1.247	0.698	0.586	1.985	2.636	3.152	3.043	2.689	2.704	2.557
20	2.229	1.657	1.204	0.683	0.604	2.001	2.647	3.185	3.020	2.678	2.711	2.544
21	2.209	1.641	1.183	0.666	0.630	2.018	2.666	3.190	3.010	2.661	2.704	2.539
22	2.187	1.621	1.171	0.640	0.652	2.034	2.685	3.195	3.006	2.641	2.691	2.533
23	2.174	1.605	1.162	0.634	0.673	2.055	2.705	3.198	3.033	2.632	2.689	2.527
24	2.158	1.602	1.157	0.623	0.685	2.083	2.721	3.206	3.069	2.637	2.683	2.528
25	2.128	1.601	1.151	0.610	0.691	2.110	2.758	3.212	3.109	2.655	2.672	2.522
26	2.106	1.600	1.134	0.603	0.711	2.130	2.778	3.214	3.124	2.651	2.675	2.505
27	2.081	1.598	1.127	0.588	0.721	2.132	2.786	3.225	3.134	2.656	2.669	2.467
28	2.064	1.597	1.117	0.583	0.747	2.140	2.789	3.246	3.149	2.673	2.661	2.484
29	2.043		1.108	0.581	0.778	2.155	2.788	3.230	3.157	2.681	2.653	2.475
30	2.016		1.094	0.578	0.816	2.176	2.802	3.209	3.163	2.677	2.647	2.466
31	1.987		1.078		0.867		2.817	3.198		2.694		2.459
MEAN	2.260	1.746	1.303	0.768	0.609	1.734	2.595	3.061	3.111	2.821	2.687	2.57
MAX	2.450	1.967	1.568	1.061	0.867	2.176	2.817	3.246	3.201	3.139	2.725	2.64
MIN	1.987	1.597	1.078	0.578	0.517	0.922	2.207	2.831	3.006	2.632	2.647	2.45

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 2.109
MAXIMUM DAILY, 3.246 ON AUG 28
MINIMUM DAILY, 0.517 ON MAY 08
MAXIMUM INSTANTANEOUS,
3.258 AT 15:00 YST ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 31 50 N
LONG 134 21 55 W

A - MANUAL GA

E - ESTIMATED

REGULATED SIN

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

YUKON TERRITORY

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.795	---	1.978	1.513	1.160	1.868	2.103	2.176	2.462	3.131	3.027	2.876E	1
2	2.775	---	1.963	1.498	1.169	1.885	2.108	2.190	2.463	3.148	3.024	2.872E	2
3	2.764	---	1.950	1.486	1.183	1.900	2.114	2.192	2.482	3.169	3.015	2.868E	3
4	2.759	---	1.946	1.476	1.205	1.906	2.116	2.195	2.496	3.182	3.009	2.864E	4
5	2.749	---	1.930	1.455	1.223	1.918	2.116	2.196	2.510	3.208	3.004	2.861A	5
6	2.747	---	1.910	1.441	1.234	1.918	2.120	2.196	2.512	3.224	3.007	2.865	6
7	2.748	---	1.889	1.425	1.246	1.919	2.133	2.209	2.519	3.240	2.993	2.859	7
8	2.736	---	1.873	1.406	1.262	1.929	2.132	2.237	2.544	3.251	2.987	2.852	8
9	2.729	---	1.854	1.392	1.276	1.937	2.134	2.251	2.569	3.250	2.984	2.845	9
10	2.715	---	1.844	1.384	1.292	1.944	2.136	2.255	2.605	3.250	2.975	2.840	10
11	2.716	---	1.824	1.367	1.309	1.954	2.130	2.257	2.632	3.241	2.968	2.828	11
12	2.709	---	1.814	1.348	1.327	1.955	2.138	2.266	2.659	3.209	2.963	2.831	12
13	2.687	---	1.800	1.340	1.348	1.958	2.137	2.280	2.680	3.182	2.959	2.833	13
14	2.673	---	1.784	1.332	1.364	1.970	2.137	2.285	2.698	3.165	---	2.834	14
15	2.659	---	1.762	1.317	1.380	1.971	2.154	2.285	2.703	3.143	---	2.817	15
16	2.649	---	1.746	1.304	1.402	1.978	2.152	2.297	2.732	3.116	---	2.812	16
17	2.642	---	1.729	1.293	1.426	1.988	2.162	2.300	2.760	3.109	---	2.799	17
18	2.633	---	1.712	1.280	1.451	2.000	2.157	2.295	2.773	3.095	---	2.790	18
19	2.606	2.122A	1.692	1.269	1.474	2.011	2.159	2.316	2.804	3.102	---	2.797	19
20	2.591	2.124	1.679	1.261	1.504	2.020	2.162	2.319	2.824	3.112	---	2.800	20
21	2.589	2.106	1.661	1.244	1.532	2.023	2.164	2.321	2.842	3.098	---	2.798	21
22	2.569	2.088	1.643	1.225	1.560	2.030	2.158	2.338	2.878	3.098	---	2.795	22
23	2.556	2.080	1.632	1.214	1.592	2.036	2.158	2.356	2.891	3.113	---	2.797	23
24	2.553	2.065	1.614	1.204	1.612	2.032	2.157	2.369	2.922	3.086	---	2.788	24
25	2.532	2.055	1.597	1.200	1.635	2.056	2.152	2.382	2.955	3.079	---	2.785	25
26	2.514	2.035	1.585	1.182	1.664	2.070	2.159	2.400	2.990	3.087	---	2.794	26
27	2.498	2.028	1.577	1.167	1.694	2.073	2.166	2.401	3.033	3.083	---	2.782	27
28	2.481A	1.995	1.573	1.165	1.721	2.078	2.170	2.413	3.056	3.064	---	2.776	28
29	2.460E		1.558	1.164	1.754	2.086	2.168	2.432	3.075	3.051	---	2.785	29
30	2.444E		1.530	1.160	1.795	2.102	2.177	2.442	3.108	3.045	---	2.769	30
31	2.428E		1.520		1.838		2.173	2.457		3.038		2.737	31
MEAN	2.636	---	1.747	1.317	1.440	1.984	2.145	2.300	2.739	3.141	---	2.818	MEAN
MAX	2.795	---	1.978	1.513	1.838	2.102	2.177	2.457	3.108	3.251	---	2.876	MAX
MIN	2.428	---	1.520	1.160	1.160	1.868	2.103	2.176	2.462	3.038	---	2.737	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.251 ON OCT 08
MINIMUM DAILY, 1.160 ON APR 30
MAXIMUM INSTANTANEOUS,
3.256 AT 05:12 YST ON OCT 08

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 24 N
LONG 135 23 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.22B	5.22B	5.62B	6.39B	35.0B	142	37.2	19.8	29.1	69.2	25.9B	11.8 B	1
2	7.13B	5.25B	5.64B	6.46B	39.9B	128	35.6	20.6	29.2	66.5	25.0B	11.6 B	2
3	7.05B	5.27B	5.66B	6.53B	48.0B	104	34.3	20.8	28.4	62.8	24.0B	11.5 B	3
4	6.96B	5.30B	5.68B	6.60B	67.0B	84.9	32.6	20.7	28.5	58.7	22.9B	11.4 B	4
5	6.88B	5.32B	5.70B	6.62B	100 B	74.1	31.4	21.3	28.9	48.0B	21.2B	11.3 B	5
6	6.82B	5.34B	5.72B	6.62B	97.1	69.5	29.6	22.1	30.1	46.2B	20.3B	11.1 B	6
7	6.76B	5.35B	5.74B	6.61B	84.7	62.6	28.9	23.9	30.7	45.0B	19.7B	11.0 B	7
8	6.69B	5.37B	5.75B	6.61B	77.3	56.0	27.7	27.5	30.7	43.5B	19.1B	10.9 B	8
9	6.63B	5.39B	5.77B	6.60B	84.7	50.6	26.5	28.4	30.8	40.9B	18.5B	10.7 B	9
10	6.57B	5.41B	5.79B	6.61B	100	46.7	26.7	28.8	36.8	39.7B	17.9B	10.6 B	10
11	6.50B	5.42B	5.79B	6.65B	106	45.8	26.5	30.0	42.0	38.2B	17.3B	10.5 B	11
12	6.43B	5.44B	5.80B	6.75B	109	44.3	25.9	29.9	45.2	36.6B	16.9B	10.3 B	12
13	6.36B	5.46B	5.81B	6.85B	109	41.2	25.5	29.7	44.3	34.0B	16.3B	10.2 B	13
14	6.29B	5.48B	5.82B	7.00B	109	40.0	24.3	28.7	42.9	30.5B	15.9B	10.0 B	14
15	6.22B	5.50B	5.83B	7.20B	119	40.2	23.6	25.4	40.9	28.4B	15.6B	9.88B	15
16	6.16B	5.51B	5.84B	7.43B	137	44.4	23.2	24.7	40.0	26.9B	15.4B	9.79B	16
17	6.10B	5.52B	5.86B	7.81B	148	53.1	22.9	24.8	42.8	23.0B	15.1B	9.71B	17
18	6.04B	5.52B	5.87B	8.40B	156	56.9	22.7	24.5	44.4	18.2B	14.8B	9.62B	18
19	5.99B	5.53B	5.89B	9.08B	162	61.6	21.9	24.7	43.1	17.0B	14.5B	9.54B	19
20	5.93B	5.54B	5.90B	10.0 B	160	68.2	20.9	30.5	42.0	16.4B	14.2B	9.45B	20
21	5.87B	5.55B	5.92B	11.5 B	151	66.9	20.1	39.9	41.1	18.7B	13.9B	9.36B	21
22	5.81B	5.56B	5.94B	13.0 B	151	72.7	19.5	40.1	41.3	20.5B	13.7B	9.27B	22
23	5.68B	5.57B	5.95B	14.5 B	144	71.3	19.4	38.8	43.1	23.0B	13.5B	9.19B	23
24	5.59B	5.58B	5.97B	16.0 B	133	65.5	19.1	36.4	47.4	25.5B	13.2B	9.10B	24
25	5.50B	5.59B	5.99B	17.5 B	126	58.2	18.8	34.5	65.4	25.0B	13.0B	9.01B	25
26	5.43B	5.59B	6.05B	20.1 B	120	53.0	18.6	32.5	82.3	24.2B	12.8B	8.94B	26
27	5.40B	5.60B	6.10B	22.7 B	123	48.5	18.6	32.1	80.5	23.8B	12.5B	8.87B	27
28	5.34B	5.60B	6.16B	25.4 B	137	44.4	18.9	32.0	74.1	23.5B	12.3B	8.81B	28
29	5.27B		6.21B	28.0 B	144	41.5	18.4	31.4	72.5	23.7B	12.1B	8.74B	29
30	5.22B		6.27B	30.6 B	150	38.6	18.9	30.4	70.9	24.6B	11.9B	8.67B	30
31	5.20B		6.32B		152		19.6	29.8		25.5B		8.60B	31
TOTAL	191.04	152.78	182.36	342.12	3 579.7	1 874.7	757.8	881.5	1 349.4	1 047.7	499.4	309.45	TOTAL
MEAN	6.16	5.46	5.88	11.4	115	62.5	24.4	28.4	45.0	33.8	16.6	9.98	MEAN
MAX	7.22	5.60	6.32	30.6	162	142	37.2	40.1	82.3	69.2	25.9	11.8	MAX
MIN	5.20	5.22	5.62	6.39	35.0	38.6	18.4	19.8	28.4	16.4	11.9	8.60	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.6
MAXIMUM DAILY, 162 ON MAY 19
MINIMUM DAILY, 5.20B ON JAN 31
MAXIMUM INSTANTANEOUS,
165 AT 04:58 YST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 36 40 N
LONG 137 16 10 W
DRAINAGE AREA, 2 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 500	JUL	65 500
FEB	13 200	AUG	76 200
MAR	15 800	SEP	117 000
APR	29 600	OCT	90 500
MAY	309 000	NOV	43 100
JUN	162 000	DEC	26 700

TOTAL DISCHARGE, 965 000 dam³

YUKON TERRITORY

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.9B	16.6B	14.7B	14.5B	62.5B	525	218 E	79.0E	59.1	94.5	25.4B	18.8B	1
2	24.1B	16.5B	14.7B	14.6B	74.0B	569	209 E	81.0E	57.8	95.0	25.0B	18.7B	2
3	23.2B	16.4B	14.7B	14.6B	72.0B	604	203 E	83.5E	56.1	91.5	24.7B	18.6B	3
4	22.8B	16.3B	14.6B	14.7B	70.0B	626	213 E	82.5E	55.5	87.8	24.3B	18.5B	4
5	22.3B	16.2B	14.6B	14.7B	68.0B	598	220 E	79.5E	56.4	83.7	23.9B	18.4B	5
6	21.9B	16.1B	14.6B	14.7B	89.0	526	210 E	76.0E	68.0	79.9	23.7B	18.3B	6
7	21.6B	16.0B	14.5B	14.8B	94.8	496	200 E	73.5E	78.3	74.4	23.3B	18.2B	7
8	21.3B	15.9B	14.5B	14.8B	97.7	487	190 E	71.5E	75.4	75.4	23.0B	18.2B	8
9	20.9B	15.8B	14.4B	14.9B	96.9	465	180 E	68.5E	77.6	77.2	22.7B	18.1B	9
10	20.6B	15.7B	14.4B	15.0B	106	434	170 E	65.5E	76.7	76.0B	22.4B	18.0B	10
11	20.3B	15.6B	14.4B	15.1B	125	385	160 E	64.0E	73.4	65.0B	22.2B	18.0B	11
12	20.1B	15.5B	14.4B	15.2B	143	342	165 E	62.5E	71.2	56.5B	22.0B	17.9B	12
13	19.8B	15.4B	14.3B	15.3B	158	322	168 E	62.6A	69.6	49.0B	21.7B	17.8B	13
14	19.5B	15.3B	14.3B	15.4B	174	312A	164 E	59.5	68.1	41.5B	21.5B	17.8B	14
15	19.3B	15.3B	14.3B	15.5B	196	310E	156 E	57.4	66.9	37.5B	21.3B	17.7B	15
16	19.0B	15.2B	14.3B	15.6B	216	313E	148 E	55.4	65.2	31.5B	21.1B	17.7B	16
17	18.8B	15.2B	14.3B	15.8B	235	303E	141 E	53.7	65.2	28.4B	20.9B	17.6B	17
18	18.6B	15.1B	14.2B	15.9B	252	285E	134 E	53.0	68.6	29.2B	20.8B	17.5B	18
19	18.4B	15.1B	14.3B	16.2B	276	267E	127 E	51.6	69.0	31.4B	20.6B	17.4B	19
20	18.2B	15.0B	14.3B	16.6B	290	249E	123 E	51.3	70.6	33.8B	20.4B	17.3B	20
21	18.0B	15.0B	14.3B	17.1B	301	235E	120 E	51.9	72.5	34.4B	20.3B	17.3B	21
22	17.9B	14.9B	14.3B	17.8B	316	222E	116 E	55.4	70.9	33.8B	20.1B	17.3B	22
23	17.7B	14.9B	14.4B	19.5B	328	220E	111 E	55.3	68.3	32.6B	20.0B	17.2B	23
24	17.5B	14.9B	14.4B	22.2B	316	213E	107 E	55.2	68.3	31.3B	19.8B	17.2B	24
25	17.4B	14.8B	14.4B	25.7B	289	223E	103 E	55.3	72.7	30.2B	19.7B	17.2B	25
26	17.2B	14.8B	14.4B	30.8B	275	243E	99.1E	52.8	76.4	29.0B	19.5B	17.2B	26
27	17.1B	14.8B	14.4B	34.5B	278	260E	95.2E	51.6	80.2	28.0B	19.3B	17.1B	27
28	17.0B	14.7B	14.5B	39.7B	305	250E	91.3E	50.6	80.2	27.2B	19.2B	17.1B	28
29	16.9B		14.5B	45.3B	343	240E	87.4E	49.7	81.9	26.8B	19.0B	17.1B	29
30	16.8B		14.5B	52.2B	392	230E	83.5E	51.1	86.7	26.3B	18.9B	17.0B	30
31	16.7B		14.5B		452		81.5E	57.7		26.0B		17.0B	31
TOTAL	605.8	433.0	447.4	608.7	6 490.9	10 754	4 594.0	1 918.1	2 107.3	1 564.8	646.7	549.2	TOTAL
MEAN	19.5	15.5	14.4	20.3	209	358	148	61.9	70.2	50.5	21.6	17.7	MEAN
MAX	24.9	16.6	14.7	52.2	452	626	220	83.5	86.7	95.0	25.4	18.8	MAX
MIN	16.7	14.7	14.2	14.5	62.5	213	81.5	49.7	55.5	26.0	18.9	17.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.2
MAXIMUM DAILY, 626 ON JUN 04
MINIMUM DAILY, 14.2B ON MAR 18
MAXIMUM INSTANTANEOUS,
627 AT 16:00 PST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 20 35 N
LONG 132 32 41 W
DRAINAGE AREA, 8 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 300	JUL	397 000
FEB	37 400	AUG	166 000
MAR	38 700	SEP	102 000
APR	52 600	OCT	135 000
MAY	561 000	NOV	55 900
JUN	929 000	DEC	47 500

TOTAL DISCHARGE, 2 650 000 dam³

NORDENSKIOLD RIVER BELOW ROWLINSON CREEK - STATION NO. 09AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.05B	3.11B	3.50B	4.15B	59.0	27.6	25.1	10.7	13.7	23.7	8.55B	5.55B	1
2	4.00B	3.11B	3.51B	4.16B	57.0	27.5	26.6	10.6	13.7	23.5	8.45B	5.50B	2
3	3.98B	3.11B	3.55B	4.17B	55.4	31.4	32.8	10.4	13.7	22.6	8.40B	5.45B	3
4	3.92B	3.12B	3.58B	4.17B	52.2	34.7	37.7	10.1	14.5	20.9	8.30B	5.43B	4
5	3.88B	3.15B	3.59B	4.16B	49.0	33.9	36.8	9.88	16.5	17.6 B	8.10B	5.40B	5
6	3.80B	3.18B	3.59B	4.16B	49.2	32.9	34.4	9.62	18.5	16.2 B	8.00B	5.38B	6
7	3.75B	3.20B	3.58B	4.16B	48.5	35.4	30.7	9.36	21.5	17.4 B	7.90B	5.35B	7
8	3.65B	3.21B	3.56B	4.15B	51.1	38.7	27.3	9.04	25.0	16.9 B	7.70B	5.28B	8
9	3.60B	3.25B	3.56B	4.15B	53.9	38.6	25.0	8.74	26.0	15.8 B	7.50B	5.20B	9
10	3.55B	3.25B	3.56B	4.15B	56.6	36.2	23.3	8.55	25.3	15.0 B	7.25B	5.16B	10
11	3.51B	3.25B	3.58B	4.14B	56.0	34.3	22.1	8.44	24.3	14.9 B	7.00B	5.12B	11
12	3.48B	3.25B	3.62B	4.16B	54.0	32.4	21.2	8.27	24.1	14.4 B	6.80B	5.04B	12
13	3.44B	3.25B	3.66B	4.18B	50.9	30.4	20.2	8.10	24.2	13.1 B	6.70B	5.00B	13
14	3.42B	3.25B	3.68B	4.22B	48.3	28.4	19.3	7.90	23.3	12.6 B	6.60B	4.90B	14
15	3.40B	3.28B	3.68B	4.32B	47.3	27.4	18.5	7.75	21.9	12.2 B	6.60B	4.75B	15
16	3.40B	3.30B	3.66B	4.40B	46.3	26.4	17.7	7.56	21.1	12.1 B	6.55B	4.58B	16
17	3.40B	3.35B	3.62B	4.55B	45.4	26.0	17.4	7.42	20.5	12.0 B	6.50B	4.48B	17
18	3.40B	3.40B	3.58B	4.70B	44.6	25.4	16.9	7.27	20.2	11.9 B	6.40B	4.40B	18
19	3.40B	3.43B	3.52B	4.90B	45.4	24.9	16.7	7.29	20.8	11.8 B	6.30B	4.38B	19
20	3.38B	3.43B	3.50B	5.10B	45.2	26.4	16.4	7.30	21.6	11.7 B	6.15B	4.36B	20
21	3.34B	3.42B	3.50B	5.30B	42.8	24.8	15.8	7.37	21.6	11.5 B	6.00B	4.30B	21
22	3.30B	3.41B	3.54B	5.60B	39.6	23.0	15.0	7.39	22.7	11.3 B	5.85B	4.22B	22
23	3.25B	3.40B	3.60B	5.90B	36.2	21.3	14.3	7.64	23.6	11.0 B	5.75B	4.22B	23
24	3.20B	3.41B	3.65B	6.40B	33.5	20.8	13.6	8.10	22.5	10.6 B	5.65B	4.22B	24
25	3.18B	3.42B	3.75B	6.90B	32.2	23.3	13.2	8.44	21.7	10.2 B	5.60B	4.21B	25
26	3.16B	3.45B	3.80B	9.00B	30.7	27.4	12.7	8.51	21.5	10.0 B	5.60B	4.20B	26
27	3.14B	3.48B	3.90B	15.0 B	29.6	28.8	12.4	8.69	21.1	9.70B	5.60B	4.18B	27
28	3.12B	3.50B	3.95B	23.0 B	28.8	26.9	12.2	9.23	21.0	9.50B	5.60B	4.16B	28
29	3.12B		4.00B	32.6	28.3	25.3	11.7	10.5	21.8	9.20B	5.60B	4.08B	29
30	3.11B		4.05B	45.3	28.6	24.3	11.3	12.0	23.1	9.00B	5.60B	4.00B	30
31	3.11B		4.10B		28.4		11.0	13.4		8.70B		3.90B	31
TOTAL	107.44	92.37	113.52	241.25	1 374.4	864.6	629.3	275.56	631.0	427.00	202.60	146.40	TOTAL
MEAN	3.47	3.30	3.66	8.04	44.3	28.8	20.3	8.89	21.0	13.8	6.75	4.72	MEAN
MAX	4.05	3.50	4.10	45.3	59.0	38.7	37.7	13.4	26.0	23.7	8.55	5.55	MAX
MIN	3.11	3.11	3.50	4.14	28.3	20.8	11.0	7.27	13.7	8.70	5.60	3.90	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 59.0 ON MAY 01
MINIMUM DAILY, 3.11B ON JAN 30
MAXIMUM INSTANTANEOUS,
63.6 AT 19:44 YST ON MAY 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 00 N
LONG 136 16 45 W
DRAINAGE AREA, 6 370 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 280	JUL	54 400
FEB	7 980	AUG	23 800
MAR	9 810	SEP	54 500
APR	20 800	OCT	36 900
MAY	119 000	NOV	17 500
JUN	74 700	DEC	12 600

TOTAL DISCHARGE, 441 000 dam³

YUKON TERRITORY

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.13B	2.66B	2.30B	2.44B	9.80B	118 E	27.0E	30.2	20.3	24.7	5.80B	3.60B	1
2	3.10B	2.64B	2.28B	2.47B	10.8 B	106 E	25.5E	27.4	19.4	23.3	5.75B	3.63B	2
3	3.08B	2.63B	2.26B	2.50B	12.0 B	104 E	24.0E	24.4	18.6	21.8	5.70B	3.58B	3
4	3.05B	2.61B	2.25B	2.26B	13.0 B	94.0E	23.0E	24.9	18.5	19.2	5.60B	3.53B	4
5	3.03B	2.60B	2.25B	2.60B	14.0 B	76.0E	21.5E	39.1	21.8	17.4	5.50B	3.48B	5
6	3.01B	2.58B	2.24B	2.64B	13.3 E	65.0E	20.5E	33.5	29.8	17.3	5.40B	3.44B	6
7	3.00B	2.56B	2.23B	2.69B	12.9 E	56.0E	19.5E	32.6	30.1	17.5	5.30B	3.40B	7
8	2.99B	2.55B	2.22B	2.78B	12.4 A	50.0E	19.0E	30.3	27.8	17.5	5.20B	3.36B	8
9	2.98B	2.54B	2.21B	2.84B	12.5 E	44.0E	19.5E	35.1	26.5	16.9	5.10B	3.32B	9
10	2.97B	2.53B	2.20B	2.92B	12.8 E	40.0E	20.5E	33.8	27.8	15.8	5.00B	3.28B	10
11	2.96B	2.52B	2.20B	3.00B	13.0 E	38.5E	21.0E	31.5	27.2	15.6	4.92B	3.25B	11
12	2.94B	2.51B	2.20B	3.08B	14.0 E	37.0E	21.5E	29.4	26.1	15.2	4.84B	3.23B	12
13	2.92B	2.49B	2.20B	3.18B	15.5 E	35.0E	20.7E	27.9	25.7	14.7	4.76B	3.20B	13
14	2.90B	2.48B	2.19B	3.28B	17.2 A	33.0E	19.7E	26.1	25.5	14.4	4.68B	3.18B	14
15	2.82B	2.47B	2.19B	3.40B	19.7 A	35.0E	18.2E	24.5	25.7	12.5 B	4.60B	3.15B	15
16	2.88B	2.46B	2.19B	3.52B	22.9 E	37.0E	16.9A	23.3	25.5	11.0 B	4.52B	3.13B	16
17	2.86B	2.45B	2.19B	3.64B	25.9 E	42.0E	16.3	22.3	24.5	9.80B	4.45B	3.11B	17
18	2.85B	2.44B	2.18B	3.83B	29.6 E	41.0E	15.5	20.9	23.4	6.50B	4.37B	3.09B	18
19	2.83B	2.43B	2.18B	3.98B	31.5 E	40.0E	14.9	21.4	22.2	5.10B	4.30B	3.07B	19
20	2.82B	2.42B	2.18B	4.18B	37.5 E	49.0E	14.5	26.5	21.6	4.99B	4.22B	3.05B	20
21	2.80B	2.41B	2.19B	4.40B	42.5 E	47.0E	14.0	29.4	20.7	5.00B	4.17B	3.04B	21
22	2.79B	2.40B	2.20B	4.60B	49.5 E	46.0E	13.7	27.5	20.2	5.15B	4.11B	3.03B	22
23	2.77B	2.39B	2.21B	4.80B	56.0 E	52.0E	13.3	26.0	33.0	5.40B	4.05B	3.01B	23
24	2.75B	2.37B	2.22B	5.10B	60.0 E	48.0E	13.3	24.4	36.7	5.60B	4.00B	2.99B	24
25	2.74B	2.35B	2.25B	5.41B	52.0 E	43.0E	15.2	22.8	35.2	5.80B	3.95B	2.98B	25
26	2.73B	2.34B	2.26B	6.00B	46.0 E	39.0E	17.7	22.2	32.7	5.90B	3.91B	2.97B	26
27	2.72B	2.33B	2.29B	6.60B	42.0 E	35.0E	17.7	22.3	30.1	5.95B	3.86B	2.95B	27
28	2.71B	2.32B	2.32B	7.30B	53.0 E	32.0E	17.2	21.0	28.6	5.97B	3.82B	2.94B	28
29	2.69B		2.34B	7.95B	65.0 E	30.0E	16.8	20.1	27.0	5.95B	3.77B	2.93B	29
30	2.68B		2.36B	8.70B	79.0 E	29.0E	17.6	19.4	25.7	5.90B	3.73B	2.91B	30
31	2.67B		2.41B		99.8 A		27.7	18.8		5.85B		2.90B	31
TOTAL	89.17	69.48	69.41	122.39	997.30	1 543.5	583.4	823.9	777.9	363.66	139.38	98.81	TOTAL
MEAN	2.88	2.48	2.24	4.08	32.2	51.5	18.8	26.6	25.9	11.7	4.65	3.19	MEAN
MAX	3.13	2.66	2.41	8.70	99.8	118	27.7	39.1	36.7	24.7	5.80	3.68	MAX
MIN	2.67	2.32	2.18	2.44	9.80	29.0	13.3	18.8	18.5	4.99	3.73	2.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 118E ON JUN 01
MINIMUM DAILY, 2.18B ON MAR 18

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 01 16 N
LONG 138 34 58 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 700	JUL	50 400
FEB	6 000	AUG	71 200
MAR	6 000	SEP	67 200
APR	10 600	OCT	31 400
MAY	86 200	NOV	12 000
JUN	133 000	DEC	8 540

TOTAL DISCHARGE, 490 000 dam³

OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88B	1.14B	1.02B	1.22B	2.90B	82.9	19.6	377	55.4	28.4	7.58B	4.30B	1
2	1.84B	1.12B	1.02B	1.23B	3.15B	73.7	17.8	244	67.4	27.5	7.41B	4.23B	2
3	1.80B	1.11B	1.02B	1.25B	3.50B	86.8	17.0	133	70.4	24.4	7.24B	4.17B	3
4	1.76B	1.10B	1.02B	1.27B	3.88B	95.3	16.5	92.9	68.4	21.8	7.07B	4.11B	4
5	1.72B	1.09B	1.02B	1.29B	4.15B	75.2	15.9	84.7	88.2	19.9 B	6.90B	4.05B	5
6	1.69B	1.08B	1.03B	1.31B	4.45B	76.0	15.5	81.2	127	18.8 B	6.76B	4.00B	6
7	1.66B	1.07B	1.03B	1.33B	4.70B	45.8	15.3	73.6	149	17.5 B	6.62B	3.95B	7
8	1.63B	1.06B	1.03B	1.35B	4.95B	34.4	15.4	67.6	130	16.8 B	6.48B	3.90B	8
9	1.60B	1.05B	1.04B	1.37B	5.15B	30.9	15.5	63.1	100	15.7 B	6.34B	3.85B	9
10	1.57B	1.05B	1.04B	1.39B	5.65B	28.1	15.6	57.3	76.8	15.0 B	6.20B	3.80B	10
11	1.55B	1.04B	1.04B	1.41B	6.20B	26.5	15.3	50.9	65.2	14.2 B	6.08B	3.75B	11
12	1.52B	1.03B	1.05B	1.43B	6.70B	23.3	15.2	45.5	56.3	13.7 B	5.96B	3.70B	12
13	1.49B	1.03B	1.05B	1.46B	7.15B	21.5	15.0	40.6	52.0	13.1 B	5.84B	3.65B	13
14	1.46B	1.02B	1.06B	1.49B	7.50B	19.8	14.7	35.4	47.6	12.8 B	5.72B	3.60B	14
15	1.43B	1.02B	1.06B	1.52B	7.75B	19.5	14.6	33.0	45.8	12.3 B	5.60B	3.55B	15
16	1.41B	1.02B	1.07B	1.55B	8.10B	32.7	14.6	32.3	44.5	11.9 B	5.50B	3.51B	16
17	1.39B	1.02B	1.07B	1.58B	9.00B	41.7	14.4	33.6	41.4	11.4 B	5.41B	3.47B	17
18	1.37B	1.01B	1.08B	1.61B	12.0 E	33.5	14.4	33.9	39.9	11.0 B	5.32B	3.43B	18
19	1.35B	1.01B	1.08B	1.66B	16.0 E	31.0	14.2	34.5	37.4	10.8 B	5.23B	3.39B	19
20	1.33B	1.01B	1.09B	1.71B	21.5 E	31.4	14.2	72.8	35.1	10.4 B	5.14B	3.35B	20
21	1.31B	1.01B	1.10B	1.78B	29.0 E	28.2	14.0	168	33.5	10.0 B	5.05B	3.33B	21
22	1.29B	1.01B	1.11B	1.83B	64.0 E	39.4	13.9	159	32.3	9.70B	4.96B	3.31B	22
23	1.27B	1.00B	1.12B	1.89B	135 E	76.7	13.9	112	33.4	9.45B	4.87B	3.29B	23
24	1.25B	1.01B	1.13B	1.98B	299 A	65.6	13.9	85.7	37.6	9.20B	4.78B	3.27B	24
25	1.24B	1.01B	1.14B	2.05B	261	45.8	20.2	73.4	43.3	9.00B	4.70B	3.25B	25
26	1.22B	1.01B	1.15B	2.15B	264	34.1	156	68.0	42.5	8.75B	4.63B	3.20B	26
27	1.20B	1.01B	1.16B	2.26B	236	27.0	196	69.9	38.6	8.55B	4.56B	3.15B	27
28	1.19B	1.01B	1.17B	2.39B	197	22.7	117	69.6	36.0	8.30B	4.49B	3.10B	28
29	1.18B		1.18B	2.51B	171	22.6	72.9	62.4	34.6	8.05B	4.43B	3.05B	29
30	1.17B		1.19B	2.68B	150	21.1	56.9	57.1	31.2	7.90B	4.37B	3.00B	30
31	1.16B		1.21B		106		187	54.1		7.75B		2.98B	31
TOTAL	44.93	29.15	33.58	49.95	2 056.38	1 255.2	1 172.4	2 668.1	1 760.8	424.05	171.24	110.69	TOTAL
MEAN	1.45	1.04	1.08	1.67	66.3	41.8	37.8	86.1	58.7	13.7	5.71	3.57	MEAN
MAX	1.88	1.14	1.21	2.68	299	86.8	196	377	149	28.4	7.58	4.30	MAX
MIN	1.16	1.00	1.02	1.22	2.90	19.5	13.9	32.3	31.2	7.75	4.37	2.98	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.8
MAXIMUM DAILY, 377 ON AUG 01
MINIMUM DAILY, 1.00B ON FEB 23
MAXIMUM INSTANTANEOUS,
401 AT 13:00 YST ON AUG 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 21 45 N
LONG 138 17 50 W
DRAINAGE AREA, 5 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 880	JUL	101 000
FEB	2 520	AUG	231 000
MAR	2 900	SEP	152 000
APR	4 320	OCT	36 600
MAY	178 000	NOV	14 800
JUN	108 000	DEC	9 560

TOTAL DISCHARGE, 845 000 dam³

YUKON TERRITORY

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.858B	0.798B	0.769B	0.530B	0.484B	431	---	---	6.45	8.60	0.760B	0.142B	1
2	0.856B	0.797B	0.768B	0.500B	0.510B	366	---	---	7.11	7.80 B	0.720B	0.141B	2
3	0.854B	0.796B	0.761B	0.495B	0.538B	322	---	---	7.03	3.90 B	0.680B	0.140B	3
4	0.852B	0.795B	0.753B	0.490B	0.568B	283	---	9.85A	7.07	3.00 B	0.640B	0.139B	4
5	0.850B	0.794B	0.745B	0.485B	0.600B	253A	---	9.25	7.31	3.35 B	0.600B	0.138B	5
6	0.848B	0.793B	0.736B	0.480B	0.670B	---	---	9.10	8.28	3.90 B	0.560B	0.136B	6
7	0.846B	0.792B	0.727B	0.475B	0.750B	---	---	8.95	9.78	3.85 B	0.520B	0.135B	7
8	0.844B	0.791B	0.718B	0.470B	0.840B	---	---	8.77	10.9	3.80 B	0.480B	0.134B	8
9	0.842B	0.790B	0.709B	0.465B	0.970B	---	---	8.73	10.6	3.70 B	0.440B	0.133B	9
10	0.840B	0.789B	0.700B	0.460B	1.10 B	---	---	8.29	28.6	3.30 B	0.400B	0.132B	10
11	0.838B	0.788B	0.694B	0.448B	1.30 B	---	---	8.34	28.2	2.85 B	0.380B	0.130B	11
12	0.836B	0.787B	0.686B	0.436B	1.60 B	---	---	8.12	21.6	2.55 B	0.360B	0.129B	12
13	0.834B	0.786B	0.682B	0.424B	2.15 B	---	---	7.99	17.8	2.35 B	0.340B	0.128B	13
14	0.832B	0.785B	0.676B	0.412B	2.70 B	---	---	7.73	14.8	2.20 B	0.320B	0.127B	14
15	0.830B	0.784B	0.670B	0.400B	3.30 B	---	---	7.66	12.9	2.10 B	0.300B	0.126B	15
16	0.828B	0.783B	0.664B	0.399B	4.60 B	---	---	7.61	11.7	2.00 B	0.280B	0.124B	16
17	0.826B	0.782B	0.658B	0.398B	6.10 B	---	---	7.32	11.8	1.85 B	0.260B	0.123B	17
18	0.824B	0.781B	0.650B	0.397B	8.20 B	---	---	7.21	13.6	1.75 B	0.240B	0.122B	18
19	0.822B	0.780B	0.642B	0.397B	11.0 B	---	---	7.01	15.1	1.60 B	0.220B	0.121B	19
20	0.820B	0.779B	0.635B	0.395B	15.0 B	---	---	6.96	15.4	1.50 B	0.200B	0.120B	20
21	0.818B	0.778B	0.628B	0.393B	20.0 B	---	---	6.68	13.7	1.40 B	0.188B	0.119B	21
22	0.816B	0.777B	0.621B	0.395B	36.0 B	---	---	6.41	11.8	1.32 B	0.175B	0.118B	22
23	0.814B	0.776B	0.614B	0.396B	62.0 B	---	---	6.44	11.3	1.25 B	0.167B	0.117B	23
24	0.812B	0.775B	0.607B	0.398B	100 B	---	---	6.34	10.4	1.18 B	0.158B	0.116B	24
25	0.810B	0.774B	0.600B	0.400B	840 B	---	---	6.29	9.82	1.10 B	0.150B	0.115B	25
26	0.808B	0.773B	0.593B	0.408B	792 A	---	---	6.38	9.50	1.05 B	0.149B	0.114B	26
27	0.806B	0.772B	0.586B	0.418B	765	---	---	6.31	9.31	1.00 B	0.148B	0.113B	27
28	0.805B	0.771B	0.579B	0.430B	717	---	---	5.88	9.50	0.950B	0.147B	0.112B	28
29	0.804B		0.572B	0.444B	645	---	---	6.31	9.45	0.910B	0.145B	0.111B	29
30	0.802B		0.566B	0.460B	572	---	---	6.47	9.24	0.840B	0.144B	0.110B	30
31	0.800B		0.560B		514		---	6.35		0.800B		0.110B	31
TOTAL	25.675	21.966	20.571	13.098	5 125.980	---	---	---	370.25	77.750	10.271	3.875	TOTAL
MEAN	0.828	0.785	0.664	0.437	165	---	---	---	12.3	2.51	0.342	0.125	MEAN
MAX	0.858	0.798	0.769	0.530	840	---	---	---	28.6	8.60	0.760	0.142	MAX
MIN	0.800	0.771	0.560	0.393	0.484	---	---	---	6.45	0.800	0.144	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 840B ON MAY 25
MINIMUM DAILY, 0.110B ON DEC 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 04 N
LONG 139 41 47 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 220	JUL	---
FEB	1 900	AUG	---
MAR	1 780	SEP	32 000
APR	1 130	OCT	6 720
MAY	443 000	NOV	887
JUN	---	DEC	335

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.7B	22.2B	19.0B	19.2B	33.2B	967A	299A	758A	295	262	68.5B	42.9B	1
2	26.5B	22.1B	19.0B	19.2B	37.0B	877A	280A	907	291	250	67.0B	42.4B	2
3	26.3B	22.0B	19.0B	19.3B	40.0B	765A	259A	683	300	241	65.5B	42.0B	3
4	26.1B	21.9B	18.9B	19.3B	45.0B	662A	246A	502	309	229	64.0B	41.7B	4
5	25.9B	21.8B	18.9B	19.4B	49.5B	624A	237E	452	308	218	62.5B	41.3B	5
6	25.7B	21.6B	18.9B	19.5B	53.5B	695A	227E	480	337	200	61.5B	40.9B	6
7	25.5B	21.4B	18.9B	19.6B	58.0B	570A	217A	465	425	190 B	60.0B	40.3B	7
8	25.4B	21.3B	18.9B	19.7B	62.5B	439A	211A	431	468	179 B	59.0B	40.0B	8
9	25.3B	21.2B	18.8B	19.8B	66.5B	372A	215A	417	436	168 B	58.0B	39.8B	9
10	25.2B	21.1B	18.8B	19.9B	70.0B	369A	217A	395	386	158 B	57.0B	39.5B	10
11	25.0B	21.0B	18.8B	20.0B	76.0B	372A	211A	370	347	149 B	56.0B	39.2B	11
12	24.9B	20.8B	18.8B	20.1B	84.0B	337A	207A	348	317	141 B	55.0B	38.9B	12
13	24.8B	20.6B	18.8B	20.2B	93.0B	315A	204A	324	298	135 B	54.0B	38.6B	13
14	24.7B	20.5B	18.8B	20.4B	115 B	302A	200A	301	282	129 B	53.5B	38.3B	14
15	24.6B	20.3B	18.7B	20.6B	160 B	309A	196A	284	272	121 B	52.5B	38.0B	15
16	24.4B	20.2B	18.8B	20.8B	185 B	655A	192A	267	267	116 B	51.7B	37.7B	16
17	24.3B	20.1B	18.8B	21.0B	200 B	848A	167A	256	272	110 B	51.0B	37.4B	17
18	24.1B	20.0B	18.8B	21.2B	230 B	685A	181A	254	274	106 B	50.2B	37.2B	18
19	24.0B	19.9B	18.8B	21.4B	260 B	667A	175A	254	260	102 B	49.8B	37.0B	19
20	23.9B	19.8B	18.8B	21.7B	300 B	639A	169A	312	247	98.0B	49.2B	36.8B	20
21	23.7B	19.6B	18.8B	22.0B	340 E	543A	165A	579	240	95.0B	48.1B	36.4B	21
22	23.6B	19.5B	18.9B	22.4B	405 E	473A	162A	681	234	91.5B	47.6B	36.0B	22
23	23.5B	19.4B	18.9B	22.8B	520 E	525A	160A	828	231	88.5B	47.1B	35.7B	23
24	23.4B	19.3B	18.9B	23.2B	740 E	600A	158A	887	249	85.5B	46.3B	35.7B	24
25	23.3B	19.2B	18.9B	23.7B	1 300 E	665A	163A	417	320	83.0B	45.9B	35.5B	25
26	23.1B	19.2B	19.0B	24.2B	1 200 E	599A	229A	379	351	80.0B	45.5B	35.3B	26
27	23.0B	19.1B	19.0B	25.0B	1 120 A	467A	568A	362	342	78.0B	45.0B	35.1B	27
28	22.9B	19.1B	19.0B	26.0B	1 160 A	393A	649A	352	317	76.0B	44.2B	34.9B	28
29	22.7B		19.1B	27.0B	1 210 A	350A	486A	339	298	74.0B	43.9B	34.7B	29
30	22.6B		19.1B	29.0B	1 230 A	323A	387A	323	280	72.0B	43.6B	34.5B	30
31	22.4B		19.1B		1 130 A		476A	307		70.0B		34.4B	31
TOTAL	757.5	574.2	585.7	647.6	12 573.2	16 407	7 933	13 284	9 253	4 195.5	1 603.1	1 178.1	TOTAL
MEAN	24.4	20.5	18.9	21.6	406	547	256	429	308	135	53.4	38.0	MEAN
MAX	26.7	22.2	19.1	29.0	1 300	967	649	907	468	262	68.5	42.9	MAX
MIN	22.4	19.1	18.7	19.2	33.2	302	158	254	231	70.0	43.6	34.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 189
MAXIMUM DAILY, 1 300E ON MAY 25
MINIMUM DAILY, 18.7B ON MAR 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 53 40 N
LONG 136 02 10 W
DRAINAGE AREA, 25 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 400	JUL	685 000
FEB	49 600	AUG	1 150 000
MAR	50 600	SEP	799 000
APR	56 000	OCT	362 000
MAY	1 090 000	NOV	139 000
JUN	1 420 000	DEC	102 000

TOTAL DISCHARGE, 5 970 000 dam³

YUKON TERRITORY

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.0B	54.0B	39.0B	51.5B	220B	1 750	1 280	344	519	865	200B	113 B	1
2	69.5B	52.5B	39.0B	52.0B	310B	1 870	1 190	345	563	857	192B	111 B	2
3	69.0B	51.0B	39.0B	52.0B	467	1 950	1 140	348	584	852	186B	109 B	3
4	68.5B	50.0B	39.0B	52.0B	498	1 980	1 090	353	579	838	178B	106 B	4
5	68.5B	49.0B	39.0B	52.0B	556	1 920	1 020	354	586	811	170B	104 B	5
6	68.5B	48.0B	39.0B	52.5B	617	1 720	966	357	620	764	162B	99.4B	6
7	68.5B	46.0B	39.5B	53.0B	665	1 530	920	354	685	724	158B	98.0B	7
8	68.0B	45.0B	39.5B	53.5B	713	1 430	867	357	701	692	150B	97.0B	8
9	68.0B	44.0B	39.5B	54.0B	747	1 350	818	374	852	661	146B	96.0B	9
10	68.0B	43.0B	40.0B	54.5B	776	1 280	791	388	897	639	144B	95.0B	10
11	67.5B	42.5B	40.4B	55.2B	851	1 210	775	432	947	620	142B	94.5B	11
12	67.5B	42.5B	41.0B	56.5B	928	1 140	748	464	983	603	141B	94.0B	12
13	67.5B	42.0B	41.8B	58.0B	972	1 100	715	463	1 050	580	139B	94.0B	13
14	67.0B	41.5B	42.2B	59.5B	974	1 060	669	453	1 100	556	138B	94.0B	14
15	67.0B	41.0B	42.8B	61.5B	958	1 010	657	441	1 120	534	136B	94.0B	15
16	67.0B	40.5B	43.2B	63.0B	945	987	614	419	1 110	503	135B	93.5B	16
17	66.5B	40.0B	43.8B	65.0B	951	963	583	399	1 080	486	134B	93.0B	17
18	66.5B	39.9B	44.0B	67.0B	987	924	559	383	1 070	462	133B	92.0B	18
19	66.0B	39.7B	44.1B	69.5B	1 030	909	530	368	1 090	436	132B	91.0B	19
20	66.0B	39.6B	44.5B	72.0B	1 080	908	506	359	1 110	290B	130B	90.5B	20
21	65.5B	39.4B	45.0B	75.0B	1 130	894	484	354	1 080	255B	129B	89.5B	21
22	65.0B	39.2B	45.7B	78.0B	1 170	863	465	356	1 050	250B	128B	88.0B	22
23	64.0B	39.0B	46.0B	82.4B	1 190	830	444	375	1 020	250B	126B	87.0B	23
24	63.0B	39.0B	46.5B	90.0B	1 220	811	428	418	987	255B	124B	86.0B	24
25	62.0B	39.0B	47.5B	98.0B	1 270	881	411	464	954	258B	123B	85.0B	25
26	60.5B	39.0B	48.5B	108 B	1 300	1 070	396	478	931	256B	121B	84.0B	26
27	59.5B	39.0B	49.0B	118 B	1 290	1 390	383	471	919	248B	120B	83.0B	27
28	58.0B	39.0B	49.5B	135 B	1 290	1 570	372	461	905	236B	118B	82.0B	28
29	57.0B		50.0B	154 B	1 360	1 530	358	457	890	228B	116B	81.5B	29
30	56.0B		50.5B	180 B	1 490	1 390	346	477	879	218B	115B	81.0B	30
31	55.0B		51.0B		1 630		344	491		208B		80.0B	31
TOTAL	2 020.5	1 204.3	1 349.8	2 272.6	29 585	38 220	20 889	12 557	26 941	15 435	4 266	2 885.9	TOTAL
MEAN	65.2	43.0	43.5	75.8	954	1 270	674	405	898	498	142	93.1	MEAN
MAX	70.0	54.0	51.0	180	1 630	1 980	1 280	491	1 120	865	200	113	MAX
MIN	55.0	39.0	39.0	51.5	220	811	344	344	519	208	115	80.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 432
MAXIMUM DAILY, 1 980 ON JUN 04
MINIMUM DAILY, 39.0B ON FEB 23
MAXIMUM INSTANTANEOUS,
1 990 AT 14:14 YST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 49 47 N
LONG 136 34 50 W
DRAINAGE AREA, 49 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	175 000	JUL	1 800 000
FEB	104 000	AUG	1 080 000
MAR	117 000	SEP	2 330 000
APR	196 000	OCT	1 330 000
MAY	2 560 000	NOV	369 000
JUN	3 300 000	DEC	249 000

TOTAL DISCHARGE, 13 600 000 dam³

PELLY RIVER BELOW FORTIN CREEK - STATION NO. 09BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20B	6.25B	5.58B	5.90B	17.0B	444	268	54.2	102 E	150	40.0B	22.5B	1
2	8.20B	6.20B	5.58B	6.00B	21.0B	478	247	55.1	99.0E	146	38.5B	22.0B	2
3	8.20B	6.05B	5.58B	6.05B	26.0B	442	227	55.4	108 E	141	37.5B	21.4B	3
4	8.20B	6.00B	5.58B	6.15B	36.0B	370	211	54.0	122 E	133	36.0B	21.0B	4
5	8.20B	5.98B	5.58B	6.25B	60.0B	330	198	51.9	138 E	124	35.0B	20.2B	5
6	8.20B	5.90B	5.57B	6.30B	80.0E	316	182	51.2	150 E	111	34.0B	20.0B	6
7	8.15B	5.85B	5.56B	6.40B	90.0E	308	176	56.0	173	104	33.0B	19.8B	7
8	8.10B	5.80B	5.55B	6.50B	98.0E	295	174	74.7	193	103	32.0B	19.2B	8
9	8.05B	5.75B	5.55B	6.60B	107 E	280	165	83.5	194	99.9	31.2B	19.0B	9
10	8.00B	5.70B	5.55B	6.70B	114 E	263	157	80.1	190	96.9	30.8B	18.8B	10
11	7.95B	5.65B	5.53B	6.90B	122 E	254	149	77.5	194	89.2	30.2B	18.6B	11
12	7.90B	5.63B	5.53B	7.00B	132 E	240	140	74.5	206	85.6	29.8B	18.4B	12
13	7.80B	5.62B	5.51B	7.10B	140 E	229	129	70.2	214	82.9	29.4B	18.2B	13
14	7.75B	5.61B	5.51B	7.25B	150 E	224	122	66.2	207	80.0	29.0B	18.0B	14
15	7.65B	5.60B	5.50B	7.40B	154 E	212	115	61.9	199	71.5	28.8B	17.6B	15
16	7.60B	5.60B	5.48B	7.55B	160 E	210	109	58.9	196	60.8B	28.4B	17.4B	16
17	7.55B	5.60B	5.46B	7.70B	165 E	218	103	56.6	202	58.0B	28.0B	17.2B	17
18	7.45B	5.60B	5.44B	7.90B	170 E	231	99.4	56.3	197	54.0B	27.6B	17.0B	18
19	7.40B	5.60B	5.42B	8.10B	175 E	224	94.5	58.6	192	51.0B	27.2B	16.8B	19
20	7.25B	5.60B	5.40B	8.30B	180 E	212	88.7	63.9	189	49.0B	27.0B	16.5B	20
21	7.20B	5.58B	5.40B	8.60B	190 E	204	85.1	74.8	180	49.0B	26.8B	16.3B	21
22	7.05B	5.58B	5.40B	8.90B	200 E	191	80.7	78.0	172	49.5B	26.2B	16.1B	22
23	7.00B	5.58B	5.40B	9.20B	215 E	186	77.5	75.0	165	50.5B	26.0B	16.0B	23
24	6.90B	5.58B	5.40B	9.40B	230 E	261	72.6	70.0	160	51.0B	25.8B	15.9B	24
25	6.80B	5.58B	5.42B	9.70B	240 E	343	67.0	65.8	156	50.5B	25.0B	15.8B	25
26	6.70B	5.58B	5.45B	10.1 B	255 E	352	62.7	61.2	153	50.0B	24.5B	15.5B	26
27	6.60B	5.58B	5.50B	10.8 B	275 E	359	60.3	58.8	151	49.0B	24.0B	15.0B	27
28	6.55B	5.58B	5.55B	11.8 B	300 E	337	59.8	61.1	146	48.0B	23.5B	14.8B	28
29	6.45B		5.65B	13.0 B	324 A	308	57.5	85.4	143	46.0B	23.2B	14.5B	29
30	6.40B		5.70B	14.5 B	364	288	54.4	106	148	44.0B	23.0B	14.2B	30
31	6.35B		5.80B		400		53.8	106		42.0B		14.0B	31
TOTAL	231.80	160.23	171.13	244.05	5 190.0	8 609	3 886.0	2 102.8	5 039.0	2 420.3	881.4	547.7	TOTAL
MEAN	7.48	5.72	5.52	8.14	167	287	125	67.8	168	78.1	29.4	17.7	MEAN
MAX	8.20	6.25	5.80	14.5	400	478	268	106	214	150	40.0	22.5	MAX
MIN	6.35	5.58	5.40	5.90	17.0	186	53.8	51.2	99.0	42.0	23.0	14.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.8
MAXIMUM DAILY, 478 ON JUN 02
MINIMUM DAILY, 5.40B ON MAR 20
MAXIMUM INSTANTANEOUS,
484 AT 17:59 YST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 01 50 N
LONG 130 36 10 W
DRAINAGE AREA, 5 020 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 000	JUL	336 000
FEB	13 800	AUG	182 000
MAR	14 800	SEP	435 000
APR	21 100	OCT	209 000
MAY	448 000	NOV	76 200
JUN	744 000	DEC	47 300

TOTAL DISCHARGE, 2 550 000 dam³

YUKON TERRITORY

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.8B	27.9B	18.0B	21.8B	78.0B	970E	721	145	278	384	110 B	63.0B	1
2	39.2B	27.2B	18.0B	22.0B	95.0B	980E	688	143	276	387	106 B	61.0B	2
3	38.9B	26.8B	18.0B	22.4B	190 B	980E	658	144	269	378	104 B	59.5B	3
4	38.7B	26.0B	18.0B	22.9B	230 B	975E	626	142	268	362	100 B	58.0B	4
5	38.5B	25.2B	18.0B	23.1B	250 E	940E	590	140	283	343	96.0B	56.5B	5
6	38.2B	24.8B	18.0B	23.6B	275 E	915A	556	139	327	319	92.0B	55.5B	6
7	38.1B	24.0B	18.0B	24.0B	300 E	866	525	142	389	297	89.0B	54.5B	7
8	38.0B	23.0B	18.0B	24.4B	330 E	861	494	146	419	279	86.0B	54.0B	8
9	38.0B	22.2B	18.0B	25.0B	360 E	810	474	164	450	265	84.0B	53.0B	9
10	38.0B	21.5B	18.0B	25.4B	400 E	786	454	196	469	255	83.0B	52.0B	10
11	37.9B	21.0B	18.0B	26.0B	450 E	746	434	207	463	244	82.0B	51.5B	11
12	37.6B	20.4B	18.0B	26.8B	490 E	717	414	204	461	232	81.0B	51.0B	12
13	37.5B	19.9B	18.0B	27.5B	540 E	695	394	196	488	220	80.0B	50.0B	13
14	37.2B	19.5B	18.0B	28.2B	580 E	674	366	183	515	211	79.0B	49.5B	14
15	37.0B	19.3B	18.0B	29.0B	605 E	652	342	171	515	196	78.0B	49.0B	15
16	37.0B	19.0B	17.9B	30.0B	620 E	624	323	159	510	179	77.0B	48.0B	16
17	36.9B	18.9B	17.8B	31.5B	615 E	599	305	149	501	164	76.0B	47.5B	17
18	36.8B	18.8B	17.8B	32.8B	610 E	580	283	142	522	150B	75.4B	47.0B	18
19	36.4B	18.6B	17.8B	34.0B	620 E	580	264	138	532	140B	74.8B	46.5B	19
20	35.8B	18.4B	17.7B	35.0B	640 E	569	251	140	518	134B	74.2B	46.0B	20
21	35.4B	18.2B	17.7B	36.0B	660 E	540	237	149	507	134B	73.8B	46.0B	21
22	34.8B	18.0B	17.8B	38.0B	680 E	515	220	162	488	135B	73.0B	45.0B	22
23	34.0B	18.0B	17.9B	40.0B	702 A	497	206	188	465	138B	72.0B	44.5B	23
24	33.2B	18.0B	18.1B	42.0B	725 A	510	199	208	444	140B	70.5B	44.0B	24
25	32.8B	18.0B	18.5B	44.0B	740 E	674	188	211	430	140B	69.0B	43.5B	25
26	32.0B	18.0B	19.0B	48.0B	750 E	884	179	199	417	138B	68.0B	43.0B	26
27	31.4B	18.0B	19.5B	52.0B	780 E	920	169	187	407	132B	67.0B	42.0B	27
28	30.5B	18.0B	20.0B	57.0B	810 E	885	160	180	400	128B	66.0B	41.0B	28
29	30.0B		20.5B	63.0B	860 E	826	155	176	394	122B	65.0B	40.0B	29
30	29.4B		20.8B	70.0B	905 A	758	151	190	387	118B	64.0B	39.0B	30
31	28.6B		21.2B		940 E		150	235		118B		38.0B	31
TOTAL	1 107.6	586.6	570.0	1 025.4	16 830.0	22 528	11 176	5 275	12 792	6 578	2 415.7	1 519.0	TOTAL
MEAN	35.7	21.0	18.4	34.2	543	751	361	170	426	212	80.5	49.0	MEAN
MAX	39.8	27.9	21.2	70.0	940	980	721	235	532	387	110	63.0	MAX
MIN	28.6	18.0	17.7	21.8	78.0	497	150	138	268	114	64.0	38.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 226
MAXIMUM DAILY, 980E ON JUN 02
MINIMUM DAILY, 17.7B ON MAR 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 13 20 N
LONG 133 22 40 W
DRAINAGE AREA, 22 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95 700	JUL	966 000
FEB	50 700	AUG	456 000
MAR	49 200	SEP	1 110 000
APR	88 600	OCT	568 000
MAY	1 450 000	NOV	209 000
JUN	1 950 000	DEC	131 000

TOTAL DISCHARGE, 7 120 000 dam³

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.8B	15.4B	13.4B	12.8B	39.7B	1 940	350 E	410E	250E	224 E	51.0B	32.2B	1
2	20.6B	15.3B	13.3B	12.8B	44.2B	1 580	370 E	406E	300E	210 E	50.0B	31.9B	2
3	20.4B	15.2B	13.2B	12.9B	47.6B	1 270	365 E	765A	360E	197 E	49.0B	31.6B	3
4	20.2B	15.1B	13.2B	13.1B	52.1B	1 030	320 E	1 000A	430E	180 E	48.0B	31.3B	4
5	20.0B	15.0B	13.1B	13.3B	57.0B	865	275 E	806	440E	165 E	47.0B	31.0B	5
6	19.8B	14.9B	13.1B	13.5B	64.0B	772	235 E	644A	395E	152 B	46.5B	30.6B	6
7	19.6B	14.8B	13.0B	13.7B	70.5B	752	200 E	535E	360E	141 B	45.7B	30.2B	7
8	19.4B	14.7B	13.0B	14.0B	81.0B	808	175 E	420E	350E	130 B	44.9B	29.8B	8
9	19.2B	14.6B	12.9B	14.4B	92.5B	758A	158 E	335E	624A	121 B	43.5B	29.4B	9
10	19.0B	14.6B	12.8B	14.7B	110 B	670E	142 E	280E	715	114 B	42.5B	29.0B	10
11	18.8B	14.5B	12.8B	15.1B	136 B	610E	128 E	240E	725	106 B	41.9B	28.7B	11
12	18.6B	14.4B	12.8B	15.5B	170 B	550E	125 E	210E	637A	99.0B	41.3B	28.4B	12
13	18.4B	14.3B	12.8B	16.0B	220 B	505E	138 E	196E	540E	91.0B	40.7B	28.1B	13
14	18.2B	14.2B	12.7B	16.6B	315 B	510E	180 E	182E	440E	82.0B	40.1B	27.8B	14
15	18.0B	14.1B	12.7B	17.1B	450 B	490E	215 E	170E	360E	74.0B	39.5B	27.5B	15
16	17.8B	14.1B	12.7B	17.5B	940 B	410E	222 E	162E	320E	62.0B	38.9B	27.3B	16
17	17.6B	14.0B	12.7B	18.1B	1 200 B	440E	212 E	152E	315E	45.0B	38.3B	27.1B	17
18	17.4B	14.0B	12.7B	18.8B	1 800 B	758A	202 E	146E	420E	41.0B	37.7B	26.9B	18
19	17.2B	13.9B	12.7B	19.5B	2 700 B	981	190 E	142E	390E	41.5B	37.1B	26.7B	19
20	17.1B	13.8B	12.7B	20.4B	4 700 B	974	176 E	135E	351A	46.0B	36.5B	26.4B	20
21	17.0B	13.8B	12.7B	21.3B	3 600 E	848	160 E	132E	305E	56.0B	36.0B	26.2B	21
22	16.8B	13.7B	12.7B	22.5B	3 200 E	758A	145 E	130E	282E	60.5B	35.5B	25.9B	22
23	16.6B	13.7B	12.7B	23.9B	2 850 E	640E	129 E	140E	259E	61.5B	35.0B	25.7B	23
24	16.5B	13.6B	12.7B	25.4B	3 100 E	758A	118 E	150E	240E	61.0B	34.5B	25.5B	24
25	16.4B	13.6B	12.6B	26.8B	3 590 A	860	109 E	250E	227E	59.5B	34.0B	25.3B	25
26	16.2B	13.5B	12.7B	28.3B	3 420	758A	104 E	315E	235E	58.0B	33.7B	25.1B	26
27	16.0B	13.5B	12.7B	30.2B	3 360	660E	99.0E	275E	258E	56.4B	33.4B	24.9B	27
28	15.9B	13.4B	12.7B	32.3B	3 260	580E	97.0E	230E	280E	55.4B	33.1B	24.8B	28
29	15.8B		12.7B	34.2B	3 000	470E	96.0E	220E	265E	54.0B	32.8B	24.7B	29
30	15.7B		12.7B	36.6B	2 660	380E	100 E	215E	250E	53.0B	32.5B	24.6B	30
31	15.6B		12.7B		2 330		200 E	220E		51.8B		24.5B	31
TOTAL	556.6	399.7	397.9	591.3	47 659.6	23 385	5 735.0	9 613	11 323	2 948.6	1 200.6	859.1	TOTAL
MEAN	18.0	14.3	12.8	19.7	1 540	780	185	310	377	95.1	40.0	27.7	MEAN
MAX	20.8	15.4	13.4	36.6	4 700	1 940	370	1 000	725	224	51.0	32.2	MAX
MIN	15.6	13.4	12.6	12.8	39.7	380	96.0	130	227	41.0	32.5	24.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 287
MAXIMUM DAILY, 4 700B ON MAY 20
MINIMUM DAILY, 12.6B ON MAR 25

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 50 N
LONG 139 53 00 W
DRAINAGE AREA, 55 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 100	JUL	496 000
FEB	34 500	AUG	831 000
MAR	34 400	SEP	978 000
APR	51 100	OCT	255 000
MAY	4 120 000	NOV	104 000
JUN	2 020 000	DEC	74 200

TOTAL DISCHARGE, 9 050 000 dam³

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8B	15.0B	12.9B	12.6B	39.5B	1 270	323	390	293	193	48.5B	30.1B	1
2	19.6B	14.9B	12.8B	12.6B	44.0B	1 010	314	660	392	182	47.5B	29.9B	2
3	19.4B	14.8B	12.8B	12.7B	47.5B	787	274	964	446	170	46.5B	29.5B	3
4	19.2B	14.8B	12.8B	12.9B	52.0B	650	232	790	425	157	45.5B	29.2B	4
5	19.0B	14.7B	12.7B	13.1B	57.0B	573	198	617	403	143	44.5B	28.9B	5
6	18.8B	14.5B	12.7B	13.3B	64.5B	560	171	492	369	132	43.6B	28.6B	6
7	18.6B	14.4B	12.7B	13.5B	71.0B	657	151	387	341	123	42.7B	28.3B	7
8	18.4B	14.3B	12.7B	13.8B	82.0B	629	136	316	472	120 B	41.8B	28.1B	8
9	18.3B	14.2B	12.6B	14.1B	94.0B	520	129	271	607	109 B	40.9B	27.9B	9
10	18.2B	14.1B	12.6B	14.4B	112 B	459	123	237	621	102 B	40.0B	27.7B	10
11	18.0B	14.0B	12.6B	14.8B	140 B	451	121	211	534	96.0B	39.3B	27.4B	11
12	17.8B	13.9B	12.6B	15.2B	175 B	468	131	195	440	91.0B	38.7B	27.2B	12
13	17.6B	13.8B	12.6B	15.7B	225 B	454	179	182	370	85.0B	38.0B	27.0B	13
14	17.5B	13.7B	12.6B	16.2B	350 B	403	217	168	322	79.0B	37.4B	26.8B	14
15	17.4B	13.7B	12.5B	16.7B	600 B	375	210	160	305	69.0B	36.8B	26.6B	15
16	17.2B	13.6B	12.5B	17.1B	940 B	415	209	154	355	56.0B	36.2B	26.4B	16
17	17.0B	13.5B	12.5B	17.8B	1 100 B	584	200	146	384	41.0B	35.8B	26.2B	17
18	16.9B	13.4B	12.5B	18.5B	1 600 B	813	186	140	350	40.0B	35.3B	26.0B	18
19	16.8B	13.3B	12.5B	19.0B	2 300 B	857	169	131	310	43.0B	34.8B	25.8B	19
20	16.7B	13.3B	12.5B	20.2B	3 700 B	750	147	129	271	51.0B	34.3B	25.6B	20
21	16.5B	13.2B	12.5B	21.1B	3 300 E	638	130	128	241	59.0B	33.7B	25.6B	21
22	16.3B	13.2B	12.5B	22.3B	3 000 E	566	121	138	220	59.5B	33.2B	25.2B	22
23	16.1B	13.2B	12.5B	23.6B	2 650 E	600	112	251	207	59.2B	32.8B	25.1B	23
24	16.0B	13.1B	12.5B	24.9B	2 500 E	738	105	332	206	58.5B	32.4B	24.9B	24
25	15.9B	13.1B	12.4B	26.4B	2 450 E	682	99.4	318	229	57.5B	32.0B	24.8B	25
26	15.7B	13.1B	12.5B	27.9B	2 400 A	560	97.7	280	258	56.0B	31.7B	24.6B	26
27	15.5B	13.0B	12.5B	29.8B	2 380	453	95.8	241	270	54.4B	31.4B	24.4B	27
28	15.4B	12.9B	12.5B	32.0B	2 290	374	100	217	250	53.4B	31.0B	24.3B	28
29	15.3B		12.5B	34.0B	2 060	331	237	211	227	51.8B	30.7B	24.1B	29
30	15.2B		12.5B	36.4B	1 820	308	408	222	209	50.5B	30.4B	24.0B	30
31	15.1B		12.5B		1 560		404	257		49.5B		23.9B	31
TOTAL	535.2	386.7	390.1	582.6	38 203.5	17 935	5 729.9	9 337	10 327	2 691.3	1 127.4	824.0	TOTAL
MEAN	17.3	13.8	12.6	19.4	1 230	598	185	301	344	86.8	37.6	26.6	MEAN
MAX	19.8	15.0	12.9	36.4	3 700	1 270	408	964	621	193	48.5	30.1	MAX
MIN	15.1	12.9	12.4	12.6	39.5	308	95.8	128	206	40.0	30.4	23.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 241
MAXIMUM DAILY, 3 700B ON MAY 20
MINIMUM DAILY, 12.4B ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 26 25 N
LONG 137 47 01 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 200	JUL	495 000
FEB	33 400	AUG	807 000
MAR	33 700	SEP	892 000
APR	50 300	OCT	233 000
MAY	3 300 000	NOV	97 400
JUN	1 550 000	DEC	71 200

TOTAL DISCHARGE, 7 610 000 dam³

PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY - STATION NO. 09FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6B	16.5B	14.4B	13.4B	35.5B	2 330	463	443	259	270	53.6B	33.1B	1
2	21.4B	16.4B	14.3B	13.5B	39.5B	1 980	436	436	315	246	52.3B	32.7B	2
3	21.2B	16.2B	14.3B	13.5B	45.0B	1 650	431	511	419	231	50.8B	32.3B	3
4	21.0B	16.1B	14.2B	13.5B	49.0B	1 350	402	968	519	220	49.9B	31.9B	4
5	20.8B	16.0B	14.1B	13.5B	56.0B	1 130	361	947	517	203 B	49.0B	31.5B	5
6	20.6B	15.9B	14.0B	13.6B	64.0B	990	320	754	490	190 B	48.2B	31.1B	6
7	20.4B	15.9B	13.9B	13.6B	70.0B	910	285	612	457	174 B	47.6B	30.7B	7
8	20.2B	15.7B	13.8B	13.7B	80.0B	933	258	501	453	159 B	46.9B	30.4B	8
9	20.1B	15.6B	13.7B	13.7B	93.0B	956	231	410	514	147 B	45.3B	30.0B	9
10	20.0B	15.6B	13.7B	13.8B	108 B	840	215	349	665	136 B	44.5B	29.7B	10
11	19.8B	15.5B	13.6B	13.8B	135 B	751	204	306	746	124 B	43.7B	29.3B	11
12	19.6B	15.4B	13.6B	13.9B	165 B	707	195	270	680	115 B	42.9B	28.9B	12
13	19.4B	15.3B	13.5B	13.9B	180 B	697	194	243	578	104 B	42.1B	28.6B	13
14	19.2B	15.2B	13.5B	14.0B	300 B	692	245	224	491	94.5B	41.3B	28.3B	14
15	19.0B	15.1B	13.4B	14.0B	450 B	658	291	211	425	81.0B	40.5B	28.0B	15
16	18.8B	15.0B	13.4B	14.1B	1 000 B	622	347	201	378	65.0B	39.9B	27.7B	16
17	18.6B	14.9B	13.4B	14.2B	1 400 B	640	318	194	377	50.0B	39.3B	27.4B	17
18	18.4B	14.9B	13.4B	14.3B	2 200 B	752	296	187	437	42.0B	38.7B	27.2B	18
19	18.2B	14.8B	13.4B	14.4B	3 400 B	1 020	268	180	450	42.5B	38.1B	27.0B	19
20	18.1B	14.8B	13.4B	14.6B	4 500 B	1 140	244	171	407	44.5B	37.5B	26.8B	20
21	17.9B	14.7B	13.4B	14.8B	4 740	1 060	221	162	365	54.0B	37.1B	26.5B	21
22	17.7B	14.7B	13.4B	15.2B	4 380	918	202	158	330	61.5B	36.7B	26.3B	22
23	17.6B	14.7B	13.4B	16.4B	4 220	839	184	155	306	63.5B	36.3B	26.1B	23
24	17.5B	14.6B	13.4B	17.8B	4 120	846	167	161	283	64.0B	35.9B	25.9B	24
25	17.4B	14.6B	13.3B	19.4B	3 930	954	151	270	263	63.0B	35.5B	25.7B	25
26	17.2B	14.6B	13.4B	21.7B	3 690	952	141	356	259	61.0B	35.1B	25.5B	26
27	17.1B	14.5B	13.4B	24.0B	3 560	816	135	353	279	59.5B	34.7B	25.3B	27
28	16.9B	14.4B	13.4B	26.8B	3 470	685	129	309	308	58.0B	34.3B	25.1B	28
29	16.8B		13.4B	29.5B	3 290	583	126	273	310	57.0B	33.9B	25.0B	29
30	16.7B		13.4B	32.0B	2 990	517	125	246	290	56.0B	33.5B	24.9B	30
31	16.6B		13.4B		2 680		269	241		55.0B		24.8B	31
TOTAL	585.8	427.5	422.3	494.6	55 440.0	28 918	7 854	10 804	12 570	3 391.0	1 245.1	873.7	TOTAL
MEAN	18.9	15.3	13.6	16.5	1 790	964	253	349	419	109	41.5	28.2	MEAN
MAX	21.6	16.5	14.4	32.0	4 740	2 330	463	968	746	270	53.6	33.1	MAX
MIN	16.6	14.4	13.3	13.4	35.5	517	125	155	259	42.0	33.5	24.8	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 337
MAXIMUM DAILY, 4 740 ON MAY 21
MINIMUM DAILY, 13.3B ON MAR 25
MAXIMUM INSTANTANEOUS,
5 080 AT 14:50 YST ON MAY 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 25 27 N
LONG 140 53 28 W
DRAINAGE AREA, 59 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 600	JUL	679 000
FEB	36 900	AUG	933 000
MAR	36 500	SEP	1 090 000
APR	42 700	OCT	293 000
MAY	4 790 000	NOV	108 000
JUN	2 500 000	DEC	75 500

TOTAL DISCHARGE, 10 600 000 dam³

YUKON TERRITORY

RANCHERIA RIVER NEAR THE MOUTH - STATION NO. 10AA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.2B	13.0B	11.7B	10.9B	21.0B	509	180	64.7	36.4	32.0	21.8B	17.1B	1
2	16.0B	13.0B	11.6B	10.9B	23.0B	460	177	62.2	36.9	32.3	22.1B	17.0B	2
3	15.8B	13.0B	11.6B	10.8B	25.0B	386	169	59.1	36.7	33.2	22.0B	16.9B	3
4	15.5B	12.9B	11.6B	10.8B	26.5B	345	160	56.6	36.3	32.3	21.7B	16.7B	4
5	15.3B	12.9B	11.5B	10.8B	32.0B	327	151	54.9	36.1	32.5	21.5B	16.6B	5
6	15.2B	12.9B	11.5B	10.8B	36.5	306	145	54.6	36.3	31.1	21.1B	16.5B	6
7	15.1B	12.9B	11.4B	10.7B	44.0	304	140	54.5	35.4	30.3	20.9B	16.4B	7
8	15.0B	12.8B	11.4B	10.8B	48.7	312	134	50.8	34.6	30.8	20.7B	16.2B	8
9	14.8B	12.8B	11.4B	10.8B	51.2	305	127	50.3	34.1	31.5	20.4B	16.1B	9
10	14.7B	12.8B	11.4B	10.9B	54.2	287	123	50.0	33.6	32.1	20.2B	16.0B	10
11	14.6B	12.7B	11.3B	11.0B	54.5	265	120	48.6	33.1	31.4	20.1B	15.9B	11
12	14.5B	12.7B	11.3B	11.1B	55.7	252	115	48.5	33.2	30.8	20.0B	15.8B	12
13	14.3B	12.7B	11.3B	11.1B	56.7	244	110	46.4	32.9	31.1	19.8B	15.7B	13
14	14.2B	12.6B	11.3B	11.2B	62.0	243	107	45.5	32.6	28.5B	19.6B	15.6B	14
15	14.1B	12.5B	11.3B	11.3B	69.8	238	102	43.9	32.0	26.5B	19.4B	15.5B	15
16	14.0B	12.4B	11.2B	11.4B	79.0	232	101	43.3	31.6	23.9B	19.2B	15.4B	16
17	13.9B	12.3B	11.2B	11.5B	87.2	217	103	42.6	30.8	22.5B	19.0B	15.3B	17
18	13.8B	12.3B	11.2B	11.7B	93.5	198	104	41.9	30.6	21.4B	18.8B	15.2B	18
19	13.7B	12.2B	11.2B	11.8B	100	185	98.2	41.6	32.0	20.3B	18.7B	15.1B	19
20	13.6B	12.2B	11.2B	12.0B	105	174	93.6	42.2	32.3	19.9B	18.6B	15.0B	20
21	13.5B	12.2B	11.1B	12.2B	111	168	90.6	42.1	32.4	19.0B	18.5B	14.9B	21
22	13.4B	12.1B	11.1B	12.7B	124	170	90.2	40.8	30.9	18.6B	18.4B	14.8B	22
23	13.3B	12.1B	11.1B	13.1B	127	176	89.2	41.0	31.3	18.0B	18.2B	14.7B	23
24	13.2B	12.0B	11.1B	13.8B	121	171	86.6	40.6	31.1	17.8B	18.0B	14.6B	24
25	13.2B	11.9B	11.1B	14.2B	115	175	82.3	39.4	32.3	17.4B	17.8B	14.5B	25
26	13.2B	11.9B	11.0B	15.0B	116	177	79.9	38.9	33.0	17.2B	17.7B	14.4B	26
27	13.1B	11.8B	11.0B	15.9B	125	184	76.4	37.9	32.9	17.2B	17.6B	14.4B	27
28	13.1B	11.7B	11.0B	16.9B	151	179	73.1	38.4	32.6	17.4B	17.5B	14.3B	28
29	13.0B		10.9B	17.9B	191	177	69.9	38.8	33.0	17.9B	17.3B	14.3B	29
30	13.0B		10.9B	19.0B	225	176	67.2	37.8	32.7	19.6B	17.2B	14.2B	30
31	13.0B		10.9B		347		65.4	36.4		21.1B		14.1B	31
TOTAL	439.3	349.3	348.8	373.0	2 880.5	7 542	3 430.6	1 434.3	999.7	775.6	583.8	479.2	TOTAL
MEAN	14.2	12.5	11.3	12.4	92.9	251	111	46.3	33.3	25.0	19.5	15.5	MEAN
MAX	16.2	13.0	11.7	19.0	347	509	180	64.7	36.9	32.5	22.1	17.1	MAX
MIN	13.0	11.7	10.9	10.7	21.0	168	65.4	36.4	30.6	17.2	17.2	14.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.8
MAXIMUM DAILY, 509 ON JUN 01
MINIMUM DAILY, 10.7B ON APR 07
MAXIMUM INSTANTANEOUS,
581 AT 05:07 YST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 12 35 N
LONG 129 33 00 W
DRAINAGE AREA, 5 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 000	JUL	296 000
FEB	30 200	AUG	124 000
MAR	30 100	SEP	86 400
APR	32 200	OCT	67 000
MAY	249 000	NOV	50 400
JUN	652 000	DEC	41 400

TOTAL DISCHARGE, 1 700 000 dam³

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.75B	7.20B	5.94B	5.80B	25.0B	396	217	56.3	114	143	32.5B	18.9B	1
2	9.70B	7.10B	5.94B	5.80B	50.0B	436	206	58.7	110	145	31.0B	18.5B	2
3	9.60B	7.00B	5.94B	5.80B	92.5	436	198	60.7	107	143	29.5B	18.2B	3
4	9.50B	6.95B	5.94B	5.80B	105 A	377	188	61.7	103	136	29.0B	18.0B	4
5	9.42B	6.90B	5.94B	5.82B	150 E	322	176	62.5	107	130	28.0B	17.8B	5
6	9.35B	6.85B	5.94B	5.84B	160 E	289	162	61.8	127	121	27.5B	17.4B	6
7	9.35B	6.80B	5.94B	5.90B	162 E	268	149	62.3	139	113	27.0B	17.1B	7
8	9.35B	6.70B	5.92B	5.94B	170 E	246	140	70.8	151	108	26.5B	16.9B	8
9	9.30B	6.60B	5.90B	5.96B	185 E	232	136	83.8	160	106	26.0B	16.8B	9
10	9.20B	6.50B	5.88B	5.98B	200 E	215	133	94.6	158	103	25.5B	16.6B	10
11	9.20B	6.45B	5.86B	6.00B	224 A	201	128	96.2	158	98.6	25.0B	16.3B	11
12	9.20B	6.35B	5.84B	6.02B	217	188	121	95.1	175	94.1	24.8B	16.0B	12
13	9.15B	6.30B	5.82B	6.10B	207	179	116	91.4	193	92.0	24.4B	15.9B	13
14	9.10B	6.25B	5.82B	6.20B	194	172	111	86.4	196	88.9	24.0B	15.6B	14
15	9.00B	6.20B	5.82B	6.30B	186	166	105	80.9	194	84.0	23.5B	15.4B	15
16	9.00B	6.10B	5.82B	6.40B	182	162	100	76.8	191	77.4	23.1B	15.1B	16
17	8.95B	6.05B	5.82B	6.50B	185	160	94.4	73.2	198	66.5B	22.9B	15.0B	17
18	8.90B	6.00B	5.80B	6.60B	193	163	90.2	70.1	212	57.0B	22.4B	14.9B	18
19	8.85B	5.95B	5.78B	6.70B	203	163	86.5	67.3	209	51.5B	22.2B	14.7B	19
20	8.80B	5.95B	5.74B	6.85B	213	158	82.8	66.8	205	50.0B	22.0B	14.4B	20
21	8.65B	5.95B	5.74B	7.00B	212	150	80.3	74.5	194	49.0B	21.8B	14.2B	21
22	8.55B	5.95B	5.74B	7.30B	216	144	76.2	85.2	178	48.5B	21.3B	14.0B	22
23	8.35B	5.95B	5.74B	7.60B	239	140	73.6	100	164	47.5B	21.1B	13.9B	23
24	8.20B	5.95B	5.74B	8.00B	253	155	70.6	112	156	46.0B	20.9B	13.8B	24
25	8.00B	5.95B	5.74B	8.30B	261	281	67.4	112	148	45.0B	20.8B	13.6B	25
26	7.80B	5.95B	5.76B	8.80B	257	377	64.7	105	145	44.0B	20.4B	13.5B	26
27	7.70B	5.95B	5.76B	9.30B	260	358	63.0	98.6	144	42.5B	20.1B	13.3B	27
28	7.60B	5.95B	5.78B	10.0 B	280	308	61.8	92.9	143	41.0B	19.8B	13.1B	28
29	7.50B		5.78B	12.0 B	305	258	60.5	91.1	140	38.0B	19.4B	13.0B	29
30	7.40B		5.78B	15.0 B	331	232	57.2	99.8	139	36.0B	19.2B	12.9B	30
31	7.30B		5.78B		358		56.1	112		34.5B		12.8B	31
TOTAL	271.72	177.80	180.74	215.61	6 275.5	7 332	3 471.3	2 560.5	4 758	2 480.0	721.6	477.6	TOTAL
MEAN	8.77	6.35	5.83	7.19	202	244	112	82.6	159	80.0	24.1	15.4	MEAN
MAX	9.75	7.20	5.94	15.0	358	436	217	112	212	145	32.5	18.9	MAX
MIN	7.30	5.95	5.74	5.80	25.0	140	56.1	56.3	103	34.5	19.2	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.2
MAXIMUM DAILY, 436 ON JUN 02
MINIMUM DAILY, 5.74B ON MAR 20
MAXIMUM INSTANTANEOUS,
449 AT 22:06 YST ON JUN 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 40 N
LONG 132 22 40 W
DRAINAGE AREA, 7 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 500	JUL	300 000
FEB	15 400	AUG	221 000
MAR	15 600	SEP	411 000
APR	18 600	OCT	214 000
MAY	542 000	NOV	62 300
JUN	633 000	DEC	41 300

TOTAL DISCHARGE, 2 500 000 dam³

SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 08AA007

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.106A	2.082E	---	---	2.157E	2.506	2.618	2.388	2.254	2.237	2.129	---	1
2	2.107E	2.087A	---	---	2.160E	2.586	2.625	2.384	2.256	2.234	2.124	---	2
3	2.109E	2.091A	---	---	2.162A	2.646	2.635	2.374	2.263	2.234	2.112	---	3
4	2.110E	2.094A	---	---	2.183	2.679A	2.656	2.371	2.262	2.231	2.126	---	4
5	2.112E	2.101A	---	---	2.179	---	2.672	2.353	2.269	2.224	2.119	---	5
6	2.113E	2.104A	---	---	2.186	---	2.678	2.351	2.266	2.231	2.124	---	6
7	2.114E	---	---	---	2.191	---	2.674	2.343	2.265	2.221	2.155A	---	7
8	2.116E	---	---	---	2.197	---	2.662	2.332	2.266	2.243	2.088	---	8
9	2.117E	---	---	---	2.203	---	2.644	2.331	2.283	2.215	2.080	---	9
10	2.119E	---	---	---	2.212	---	2.642	2.325	2.281	2.216	2.070A	---	10
11	2.120	---	---	2.137A	2.221	---	2.626	2.314	2.276	2.215	---	---	11
12	2.095	---	---	---	2.225	---	2.602	2.309	2.294	2.211	---	---	12
13	2.116	---	---	---	2.234	---	2.593	2.305	2.290	2.210	---	---	13
14	2.122	---	---	---	2.244	---	2.585	2.302	2.295	2.203	---	---	14
15	2.082A	---	---	---	2.259	---	2.573	2.299	2.270	2.193	---	---	15
16	2.100	---	---	---	2.273	---	2.558	2.295	2.272	2.188	---	---	16
17	2.126	---	---	---	2.289	---	2.546	2.290	2.266	2.179	---	---	17
18	2.122	---	---	---	2.300	---	2.541	2.280	2.264	2.177	---	---	18
19	2.120	---	---	---	2.316	---	2.532	2.280	2.276	2.175	---	---	19
20	2.124	---	---	---	2.337	2.625A	2.527	2.266	2.274	2.186	---	---	20
21	2.114	---	---	---	2.350	2.608	2.513	2.252	2.271	2.173	---	---	21
22	2.086	---	---	---	2.354	2.586	2.500	2.253	2.276	2.164	---	---	22
23	2.092	---	---	---	2.365	2.576	2.487	2.251	2.297	2.169	---	---	23
24	2.086	---	---	---	2.368	2.572	2.481	2.248	2.261	2.179	---	---	24
25	2.078	---	---	---	2.370	2.593	2.465	2.252	2.247	2.168	---	---	25
26	2.055A	---	---	---	2.372	2.599	2.445	2.247	2.247	2.151	---	---	26
27	2.059E	---	---	---	2.380	2.609	2.434	2.248	2.254	2.156	---	---	27
28	2.063E	---	---	---	2.393	2.614	2.434	2.241	2.246	2.167	---	---	28
29	2.067E		---	---	2.415	2.612	2.425	2.250	2.257	2.150	---	---	29
30	2.072E		---	---	2.438	2.616	2.404	2.246	2.251	2.145	---	---	30
31	2.077E		---		2.451		2.395	2.250		2.139		---	31
MEAN	2.100	---	---	---	2.283	---	2.554	2.298	2.268	2.193	---	---	MEAN
MAX	2.126	---	---	---	2.451	---	2.678	2.388	2.297	2.243	---	---	MAX
MIN	2.055	---	---	---	2.157	---	2.395	2.241	2.246	2.139	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 25 N
LONG 137 33 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 08AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14 B	0.934B	1.14B	2.11B	3.32	12.4	16.7	9.59	6.08	5.18	2.78	0.585B	1
2	1.13 B	0.928B	1.18B	2.22B	3.47	15.2	17.0	9.48	6.11	5.11	2.68	0.560B	2
3	1.12 B	0.922B	1.21B	2.33B	3.48A	17.1	17.5	9.23	6.27	5.10	2.44	0.545B	3
4	1.11 B	0.916B	1.25B	2.43B	3.92	18.5A	18.4	9.14	6.21	5.03	2.64	0.530B	4
5	1.11 B	0.910B	1.28B	2.50B	3.82	16.8	18.9	8.66	6.36	4.86	2.55 B	0.520B	5
6	1.10 B	0.906B	1.31B	2.60B	3.95	17.4	19.2	8.62	6.27	5.02	2.10 B	0.510B	6
7	1.10 B	0.902B	1.34B	2.68B	4.04	18.1	19.1	8.40	6.24	4.80	1.89 B	0.502B	7
8	1.09 B	0.898B	1.37B	2.76B	4.16	18.5	18.7	8.12	6.25	5.33	1.78 B	0.493B	8
9	1.09 B	0.894B	1.39B	2.81B	4.27	18.6	18.0	8.10	6.62	4.64	1.70 B	0.484B	9
10	1.08 B	0.890B	1.42B	2.89B	4.45	18.6	18.0	7.94	6.57	4.66	1.58 B	0.476B	10
11	1.08 B	0.898B	1.44B	2.95B	4.66	18.7	17.4	7.64	6.43	4.65	1.51 B	0.470B	11
12	1.07 B	0.896B	1.47B	3.20B	4.75	18.6	16.6	7.51	6.87	4.56	1.46 B	0.465B	12
13	1.07 B	0.885B	1.49B	2.85B	4.96	18.4	16.3	7.42	6.72	4.53	1.39 B	0.460B	13
14	1.06 B	0.886B	1.51B	2.70B	5.19	18.2	16.0	7.34	6.86	4.35	1.32 B	0.455B	14
15	1.05 B	0.880B	1.53B	2.75B	5.53	17.8	15.6	7.28	6.21	4.14	1.26 B	0.450B	15
16	1.04 B	0.890B	1.54B	2.85	5.85	17.6	15.1	7.18	6.23	4.03	1.20 B	0.445B	16
17	1.03 B	0.895B	1.56B	2.81	6.22	17.1	14.7	7.05	6.06	3.83	1.16 B	0.440B	17
18	1.02 B	0.900B	1.57B	2.79	6.47	16.8	14.5	6.79	6.01	3.66	1.11 B	0.435B	18
19	1.01 B	0.910B	1.59B	2.77	6.89	16.4	14.2	6.79	6.28	3.75	1.08 B	0.430B	19
20	1.01 B	0.920B	1.61B	2.85	7.46	16.2A	14.0	6.47	6.20	3.99	1.05 B	0.425B	20
21	1.00 B	0.934B	1.62B	2.83	7.81	15.7	13.6	6.14	6.12	3.72	1.02 B	0.419B	21
22	0.994B	0.948B	1.64B	2.83	7.91	15.0	13.1	6.16	6.44	3.53	0.990B	0.418B	22
23	0.987B	0.962B	1.67B	2.79	8.20	14.7	12.7	6.14	6.53	3.63	0.955B	0.417B	23
24	0.981B	0.976B	1.69B	2.83	8.25	14.6	12.5	6.07	6.82	3.85	0.925B	0.415B	24
25	0.975B	0.990B	1.71B	3.00	8.31	15.4	12.0	6.15	5.45	3.60	0.865B	0.413B	25
26	0.970B	0.996B	1.74B	3.09	8.34	15.7	11.4	6.02	5.40	3.25	0.810B	0.412B	26
27	0.963B	1.02 B	1.81B	3.06	8.53	16.1	11.0	6.01	5.60	3.35	0.740B	0.412B	27
28	0.957B	1.08 B	1.87B	3.11	8.90	16.4	11.0	5.83	5.40	3.59	0.690B	0.411B	28
29	0.951B		1.94B	3.12	9.48	16.4	10.8	6.04	5.67	3.23	0.645B	0.410B	29
30	0.945B		1.99B	3.28	10.2	16.6	10.1	5.91	5.53	3.12	0.615B	0.408B	30
31	0.940B		2.04B		10.6		9.79	6.00		3.00		0.400B	31
TOTAL	32.173	25.966	47.92	83.79	193.39	503.8	463.89	225.22	184.83	129.09	42.935	14.215	TOTAL
MEAN	1.04	0.927	1.55	2.79	6.24	16.8	15.0	7.27	6.16	4.16	1.43	0.459	MEAN
MAX	1.14	1.08	2.04	3.28	10.6	18.7	19.2	9.59	6.87	5.33	2.78	0.585	MAX
MIN	0.940	0.880	1.14	2.11	3.32	12.4	9.79	5.83	5.40	3.00	0.615	0.400	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.33
MAXIMUM DAILY, 19.2 ON JUL 06
MINIMUM DAILY, 0.400B ON DEC 31
MAXIMUM INSTANTANEOUS,
19.8 AT 17:32 YST ON JUL 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 50 N
LONG 137 31 57 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 780	JUL	40 100
FEB	2 240	AUG	19 500
MAR	4 140	SEP	16 000
APR	7 240	OCT	11 200
MAY	16 700	NOV	3 710
JUN	43 500	DEC	1 230

TOTAL DISCHARGE, 168 000 dam³

YUKON TERRITORY

SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD - STATION NO. 09AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.980B	0.640B	0.612B	1.75B	54.3	9.98	3.41	2.67	3.72	1.28B	1.03 B	1
2	1.20 B	0.960B	0.640B	0.612B	2.40B	35.9	10.9	3.21	2.87	3.36	1.28B	1.03 B	2
3	1.19 B	0.940B	0.630B	0.612B	3.00B	27.3	10.4	2.89	3.08	3.04	1.27B	1.03 B	3
4	1.18 B	0.920B	0.630B	0.612B	3.45	24.0	9.48	2.79	3.12	2.79	1.27B	1.03 B	4
5	1.17 B	0.900B	0.630B	0.612B	3.83	22.7	9.11	2.78	3.56	2.16	1.25B	1.03 B	5
6	1.16 B	0.880B	0.620B	0.614B	4.21	23.1	8.56	2.69	3.05	2.01	1.24B	1.03 B	6
7	1.15 B	0.850B	0.620B	0.616B	4.03	23.9	8.14	2.74	2.75	2.44	1.21B	1.02 B	7
8	1.14 B	0.830B	0.620B	0.620B	4.15	25.9	7.46	2.68	2.71	2.51	1.19B	1.01 B	8
9	1.13 B	0.810B	0.620B	0.630B	6.17	19.5	7.03	2.78	2.55	2.58	1.17B	1.00 B	9
10	1.13 B	0.790B	0.620B	0.635B	9.73	16.5	7.51	2.95	2.39	2.16 B	1.15B	1.00 B	10
11	1.12 B	0.770B	0.620B	0.640B	11.5	15.1	7.65	2.84	2.38	1.86 B	1.14B	1.00 B	11
12	1.11 B	0.760B	0.620B	0.640B	11.3	13.8	7.05	2.56	2.36	1.58 B	1.14B	1.00 B	12
13	1.11 B	0.750B	0.620B	0.650B	12.3	13.9	6.73	2.32	2.33	1.35 B	1.14B	0.990B	13
14	1.10 B	0.740B	0.618B	0.650B	14.7	13.6	6.26	2.22	2.20	1.12 B	1.14B	0.980B	14
15	1.10 B	0.730B	0.618B	0.650B	16.8	12.9	5.86	2.17	2.21	1.00 B	1.14B	0.980B	15
16	1.10 B	0.720B	0.616B	0.660B	18.7	12.8	5.72	2.10	2.54	0.930B	1.14B	0.970B	16
17	1.10 B	0.710B	0.616B	0.670B	18.5	11.4	5.45	2.01	2.65	0.880B	1.13B	0.960B	17
18	1.10 B	0.700B	0.614B	0.680B	19.3	10.4	5.41	2.03	2.60	0.840B	1.11B	0.960B	18
19	1.10 B	0.690B	0.614B	0.680B	19.7	9.69	5.02	2.24	2.50	0.804B	1.10B	0.960B	19
20	1.10 B	0.690B	0.612B	0.700B	19.1	8.95	4.60	2.34	3.44	0.810B	1.09B	0.960B	20
21	1.09 B	0.680B	0.612B	0.720B	19.5	9.00	4.25	2.29	3.03	0.840B	1.08B	0.970B	21
22	1.08 B	0.680B	0.611B	0.750B	19.6	8.76	4.02	2.14	2.91	0.890B	1.08B	0.970B	22
23	1.06 B	0.670B	0.612B	0.780B	14.6	9.21	3.78	2.10	2.78	0.970B	1.08B	0.970B	23
24	1.05 B	0.670B	0.612B	0.820B	12.5	10.3	3.63	2.01	2.83	1.04 B	1.08B	0.970B	24
25	1.04 B	0.660B	0.612B	0.870B	11.8	12.5	3.47	1.93	2.86	1.20 B	1.08B	0.970B	25
26	1.03 B	0.660B	0.612B	0.930B	13.2	11.4	3.30	1.90	2.85	1.29 B	1.07B	0.960B	26
27	1.02 B	0.650B	0.612B	1.00 B	15.8	11.1	3.18	1.91	2.84	1.32 B	1.06B	0.960B	27
28	1.01 B	0.650B	0.612B	1.10 B	20.0	9.84	3.01	1.97	2.81	1.32 B	1.05B	0.950B	28
29	1.01 B		0.612B	1.28 B	23.3	9.00	2.98	2.14	3.66	1.31 B	1.04B	0.950B	29
30	1.00 B		0.612B	1.45 B	23.3	9.88	2.99	2.37	4.17	1.30 B	1.03B	0.940B	30
31	0.990B		0.612B		34.7		3.42	2.49		1.29 B		0.930B	31
TOTAL	34.070	21.440	19.169	22.495	413.52	493.63	186.35	75.00	85.89	50.714	34.23	30.510	TOTAL
MEAN	1.10	0.766	0.618	0.750	13.3	16.5	6.01	2.42	2.86	1.64	1.14	0.984	MEAN
MAX	1.20	0.980	0.640	1.45	34.7	54.3	10.9	3.41	4.17	3.72	1.28	1.03	MAX
MIN	0.990	0.650	0.611	0.612	1.75	8.76	2.98	1.90	2.20	0.804	1.03	0.930	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.02
MAXIMUM DAILY, 54.3 ON JUN 01
MINIMUM DAILY, 0.611B ON MAR 22
MAXIMUM INSTANTANEOUS,
63.0 AT 10:34 YST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 47 05 N
LONG 133 03 15 W
DRAINAGE AREA, 372 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 940	JUL	16 100
FEB	1 850	AUG	6 480
MAR	1 660	SEP	7 420
APR	1 940	OCT	4 380
MAY	35 700	NOV	2 960
JUN	42 600	DEC	2 640

TOTAL DISCHARGE, 127 000 dam³

SNAG CREEK AT KM 1945.6 ALASKA HIGHWAY - STATION NO. 09CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.18B	4.69B	4.60B	4.63B	5.63B	4.96	6.73	7.54	8.40	5.60	5.21B	4.91B	1
2	5.18B	4.68B	4.60B	4.64B	5.66B	5.48	6.38	7.05	7.71	5.58B	5.20B	4.90B	2
3	5.17B	4.67B	4.60B	4.65B	5.70B	5.52	6.57	6.54	7.34	5.56B	5.19B	4.89B	3
4	5.17B	4.66B	4.60B	4.66B	6.03	5.17	6.67	6.62	7.55	5.54B	5.18B	4.88B	4
5	5.16B	4.65B	4.60B	4.67B	6.43	5.06	6.79	6.80	11.3	5.52B	5.17B	4.87B	5
6	5.15B	4.64B	4.60B	4.68B	9.10	5.86	6.50	6.47	12.2	5.50B	5.16B	4.86B	6
7	5.14B	4.63B	4.60B	4.69B	11.1	9.33	6.54	6.38	11.1	5.48B	5.15B	4.85B	7
8	5.14B	4.62B	4.60B	4.70B	12.6	8.32	6.68	6.67	10.2	5.46B	5.14B	4.84B	8
9	5.14B	4.61B	4.60B	4.71B	13.4	6.01	6.46	6.44	9.35	5.44B	5.13B	4.83B	9
10	5.13B	4.60B	4.59B	4.72B	12.2	5.57	6.34	6.27	8.40	5.43B	5.12B	4.82B	10
11	5.11B	4.60B	4.58B	4.73B	9.81	5.32	6.15	6.28	7.89	5.42B	5.11B	4.81B	11
12	5.09B	4.59B	4.57B	4.74B	9.81	5.26	5.76	6.65	7.95	5.41B	5.10B	4.80B	12
13	5.07B	4.59B	4.56B	4.75B	9.49	5.11	5.49	6.90	7.98	5.40B	5.09B	4.80B	13
14	5.05B	4.58B	4.55B	4.76B	9.08	5.10	5.34	7.12	7.63	5.39B	5.08B	4.80B	14
15	5.03B	4.58B	4.54B	4.77B	7.24	5.09	5.32	7.29	7.11	5.38B	5.07B	4.80B	15
16	5.01B	4.57B	4.53B	4.78B	6.44	5.08	5.46	7.25	6.69	5.37B	5.06B	4.80B	16
17	4.99B	4.57B	4.52B	4.79B	6.05	5.08	7.08	7.21	6.44	5.36B	5.05B	4.80B	17
18	4.97B	4.56B	4.51B	4.80B	5.71	4.92	7.04	7.28	6.53	5.35B	5.04B	4.80B	18
19	4.95B	4.56B	4.51B	4.82B	5.57	4.97	6.71	6.82	6.42	5.34B	5.03B	4.80B	19
20	4.93B	4.55B	4.51B	4.85B	5.43	5.03	6.75	6.82	6.22	5.33B	5.02B	4.80B	20
21	4.90B	4.55B	4.52B	4.88B	5.38	5.07	6.73	6.48	6.20	5.32B	5.01B	4.80B	21
22	4.88B	4.55B	4.53B	4.91B	5.43	5.09	6.59	6.13	6.14	5.31B	5.00B	4.80B	22
23	4.86B	4.56B	4.54B	4.94B	5.22	6.52	6.55	5.84	6.03	5.30B	4.99B	4.80B	23
24	4.84B	4.57B	4.55B	4.96B	5.08	7.75	6.65	5.94	6.04	5.29B	4.98B	4.80B	24
25	4.82B	4.57B	4.56B	5.00B	5.11	7.92	6.93	6.41	5.98	5.28B	4.97B	4.80B	25
26	4.80B	4.58B	4.57B	5.05B	5.13	6.84	6.87	6.79	5.80	5.27B	4.96B	4.80B	26
27	4.78B	4.59B	4.58B	5.15B	5.10	6.19	7.28	7.23	5.66	5.26B	4.95B	4.78B	27
28	4.76B	4.60B	4.59B	5.30B	5.05	8.04	6.64	7.88	5.61	5.25B	4.94B	4.76B	28
29	4.74B		4.60B	5.45B	5.10	7.67	6.35	10.1	5.63	5.24B	4.93B	4.74B	29
30	4.72B		4.61B	5.60B	5.08	7.55	6.69	11.1	5.66	5.23B	4.92B	4.72B	30
31	4.70B		4.62B		5.01		7.69	9.77		5.22B		4.70B	31
TOTAL	154.57	128.78	141.63	145.78	218.17	180.86	201.73	220.07	223.00	166.83	151.95	149.16	TOTAL
MEAN	4.99	4.60	4.57	4.86	7.04	6.03	6.51	7.10	7.43	5.38	5.07	4.81	MEAN
MAX	5.18	4.69	4.62	5.60	13.4	9.33	7.69	11.1	12.2	5.60	5.21	4.91	MAX
MIN	4.70	4.55	4.50	4.63	5.01	4.92	5.32	5.84	5.61	5.22	4.92	4.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.71
MAXIMUM DAILY, 13.4 ON MAY 09
MINIMUM DAILY, 4.50B ON MAR 19
MAXIMUM INSTANTANEOUS,
14.0 AT 15:57 YST ON MAY 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 40 N
LONG 140 52 10 W
DRAINAGE AREA, 676 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 400	JUL	17 400
FEB	11 100	AUG	19 000
MAR	12 200	SEP	19 300
APR	12 600	OCT	14 400
MAY	18 800	NOV	13 100
JUN	15 600	DEC	12 900

TOTAL DISCHARGE, 180 000 dam³

YUKON TERRITORY

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.2B	10.1 B	8.92B	8.00B	18.0B	726	---	---	---	---	---	21.1B	1
2	14.0B	10.1 B	8.89B	8.01B	19.1B	727	---	299A	---	---	---	20.9B	2
3	13.9B	10.0 B	8.86B	8.03B	20.1B	642	---	---	---	---	---	20.7B	3
4	13.8B	9.99B	8.83B	8.06B	20.9B	488	---	---	---	---	---	20.6B	4
5	13.7B	9.98B	8.80B	8.10B	21.6B	739	---	---	---	---	---	20.5B	5
6	13.5B	9.90B	8.77B	8.22B	22.5B	938	---	---	---	---	---	20.3B	6
7	13.3B	9.83B	8.74B	8.35B	23.4B	1 070	---	---	---	---	---	20.1B	7
8	13.1B	9.77B	8.71B	8.49B	24.7B	1 120	---	---	---	---	---	19.9B	8
9	12.9B	9.71B	8.68B	8.64B	25.9B	1 080	---	---	---	---	---	19.7B	9
10	12.8B	9.65B	8.65B	8.80B	27.5B	1 060	---	---	---	---	---	19.6B	10
11	12.6B	9.60B	8.62B	9.00B	29.5B	1 070	---	---	---	---	---	19.2B	11
12	12.4B	9.55B	8.59B	9.20B	32.0B	1 110	---	---	---	---	---	18.9B	12
13	12.2B	9.50B	8.56B	9.40B	35.0B	1 140	---	---	---	---	---	18.6B	13
14	12.1B	9.45B	8.53B	9.60B	38.5B	1 150	---	---	---	---	---	18.3B	14
15	12.0B	9.40B	8.50B	9.80B	41.5B	1 030	---	---	---	---	---	18.1B	15
16	11.8B	9.36B	8.47B	10.0 B	46.5B	894	---	---	---	---	---	17.9B	16
17	11.7B	9.32B	8.44B	10.2 B	52.0B	767	---	---	---	---	---	17.7B	17
18	11.6B	9.28B	8.41B	10.4 B	60.0B	677	---	---	---	---	---	17.5B	18
19	11.5B	9.24B	8.38B	10.6 B	69.0B	675	---	---	302A	---	---	17.3B	19
20	11.4B	9.20B	8.35B	10.9 B	81.0B	774	---	---	---	---	---	17.2B	20
21	11.2B	9.16B	8.32B	11.4 B	98.0B	635	---	---	---	---	23.1B	17.0B	21
22	11.1B	9.12B	8.29B	11.6 B	130 E	549	---	---	---	---	22.9B	16.8B	22
23	11.0B	9.08B	8.26B	11.9 B	180 E	512	---	---	---	---	22.7B	16.6B	23
24	10.9B	9.04B	8.23B	12.3 B	310 E	3 840E	---	---	---	---	22.5B	16.4B	24
25	10.8B	9.00B	8.20B	13.0 B	824 A	---	---	---	---	---	22.3B	16.2B	25
26	10.7B	8.98B	8.17B	13.6 B	1 320	---	---	---	---	---	22.1B	16.0B	26
27	10.6B	8.96B	8.14B	14.2 B	1 540	---	---	---	---	---	21.9B	15.8B	27
28	10.5B	8.94B	8.11B	15.1 B	1 390	---	---	---	---	---	21.7B	15.7B	28
29	10.4B		8.08B	15.9 B	1 260	---	---	---	---	---	21.5B	15.6B	29
30	10.3B		8.05B	16.7 B	1 080	---	---	---	---	---	21.3B	15.5B	30
31	10.2B		8.02B		896		---	---	---	---		15.4B	31
TOTAL	372.2	265.21	262.57	317.50	9 736.7	---	---	---	---	---	---	561.1	TOTAL
MEAN	12.0	9.47	8.47	10.6	314	---	---	---	---	---	---	18.1	MEAN
MAX	14.2	10.1	8.92	16.7	1 540	---	---	---	---	---	---	21.1	MAX
MIN	10.2	8.94	8.02	8.00	18.0	---	---	---	---	---	---	15.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
4 070E ON MAY

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 58 10 N
LONG 134 01 40 W
DRAINAGE AREA, 8 910 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 200	JUL	---
FEB	22 900	AUG	---
MAR	22 700	SEP	---
APR	27 400	OCT	---
MAY	841 000	NOV	---
JUN	---	DEC	48 500

SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK - STATION NO. 09AG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.300B	0.119B	0.100B	0.094B	1.30	37.5	10.6	5.71	3.73	4.80	2.05B	1.13 B	1
2	0.290B	0.116B	0.099B	0.094B	1.12	16.7	10.4	5.39	3.69	4.67	2.00B	1.11 B	2
3	0.273B	0.117B	0.098B	0.093B	1.03	12.2	10.5	4.94	3.58	4.52	1.93B	1.10 B	3
4	0.263B	0.116B	0.097B	0.094B	1.19A	11.2	9.74	4.66	5.30	4.24	1.89B	1.08 B	4
5	0.250B	0.115B	0.098B	0.099B	1.30A	19.5	9.17	4.46	7.23	3.41	1.84B	1.06 B	5
6	0.240B	0.116B	0.099B	0.105B	1.27	22.8	8.90	4.33	5.77	4.16	1.80B	1.05 B	6
7	0.230B	0.114B	0.100B	0.112B	1.12	19.4	8.82	4.23	5.79	4.07	1.76B	1.04 B	7
8	0.218B	0.114B	0.100B	0.121B	1.23	19.2	8.16	4.03	5.42	4.08	1.72B	1.03 B	8
9	0.216B	0.115B	0.099B	0.130B	1.90	16.7	7.83	3.98	5.20	3.96	1.68B	1.02 B	9
10	0.212B	0.115B	0.098B	0.140B	3.16	13.2	8.45	4.06	4.95	3.73	1.64B	1.00 B	10
11	0.195B	0.114B	0.098B	0.155B	3.24	12.4	7.59	3.89	4.98	3.80	1.60B	0.990B	11
12	0.189B	0.113B	0.098B	0.170B	3.16	11.6	7.01	3.77	5.26	3.69	1.58B	0.970B	12
13	0.183B	0.114B	0.099B	0.180B	3.24	12.9	6.73	3.64	4.84	3.60	1.53B	0.960B	13
14	0.182B	0.114B	0.099B	0.205B	3.94	12.9	6.49	3.58	4.63	3.40B	1.50B	0.950B	14
15	0.180B	0.114B	0.100B	0.220B	4.36	11.9	6.22	3.52	4.73	2.70B	1.48B	0.940B	15
16	0.179B	0.114B	0.101B	0.235B	4.51	12.3	6.17	3.49	5.27	2.45B	1.44B	0.930B	16
17	0.175B	0.113B	0.102B	0.250B	4.75	10.6	6.19	3.41	4.92	2.25B	1.42B	0.920B	17
18	0.170B	0.112B	0.103B	0.270B	6.07	8.98	6.22	3.39	5.14	2.10B	1.40B	0.910B	18
19	0.167B	0.111B	0.102B	0.300B	6.11	8.44	6.24	3.62	6.27	1.95B	1.37B	0.900B	19
20	0.160B	0.110B	0.101B	0.330B	6.59	8.12	5.72	3.80	5.43	1.85B	1.35B	0.880B	20
21	0.154B	0.109B	0.100B	0.360B	7.95	8.82	5.46	3.59	5.34	2.10B	1.32B	0.870B	21
22	0.150B	0.108B	0.099B	0.400B	8.29	8.41	5.26	3.64	6.17	2.40B	1.30B	0.860B	22
23	0.148B	0.107B	0.099B	0.440B	6.78	8.56	5.11	3.49	6.01	2.60B	1.27B	0.850B	23
24	0.144B	0.106B	0.099B	0.500B	5.71	28.6	4.95	3.39	5.81	2.63B	1.25B	0.840B	24
25	0.138B	0.105B	0 098B	0.560B	6.09	26.3	4.76	3.32	5.81	2.55B	1.23B	0.830B	25
26	0.132B	0.104B	0.097B	0.650B	8.08	16.0	4.69	3.29	5.37	2.50B	1.22B	0.820B	26
27	0.129B	0.103B	0.097B	0.740B	13.8	13.2	4.61	3.40	5.18	2.40B	1.20B	0.810B	27
28	0.128B	0.102B	0.096B	0.880B	20.7	11.6	4.43	3.55	5.23	2.30B	1.18B	0.800B	28
29	0.127B		0.096B	1.01 B	23.7	11.1	4.31	4.21	5.52	2.25B	1.17B	0.790B	29
30	0.123B		0.095B	1.24 B	19.4	11.0	4.33	4.19	5.02	2.20B	1.15B	0.780B	30
31	0.120B		0.094B		30.1		6.17	3.90		2.12B		0.770B	31
TOTAL	5.765	3.132	3.061	10.177	210.61	444.03	211.26	121.87	157.59	95.48	45.27	28.990	TOTAL
MEAN	0.186	0.112	0.099	0.339	6.79	14.8	6.81	3.93	5.25	3.08	1.51	0.935	MEAN
MAX	0.300	0.119	0.103	1.24	30.1	37.5	10.6	5.71	7.23	4.80	2.05	1.13	MAX
MIN	0.120	0.102	0.094	0.093	1.05	8.12	4.31	3.29	3.58	1.85	1.15	0.770	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.66
MAXIMUM DAILY, 37.5 ON JUN 01
MINIMUM DAILY, 0.093B ON APR 03
MAXIMUM INSTANTANEOUS,
46.6 AT 06:10 YST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 10 N
LONG 134 22 15 W
DRAINAGE AREA, 515 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	498	JUL	18 300
FEB	271	AUG	10 500
MAR	264	SEP	13 600
APR	879	OCT	8 250
MAY	18 200	NOV	3 910
JUN	38 400	DEC	2 500

TOTAL DISCHARGE, 116 000 dam³

YUKON TERRITORY

SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD - STATION NO. 09BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	2.69B	1.84B	1.44B	1.44B	2.10B	152	72.9	35.3	36.3	43.3	7.85B	4.20B	
2	2.67B	1.80B	1.44B	1.45B	2.22B	105	65.1	33.7	34.1	38.0	7.60B	4.10B	
3	2.62B	1.75B	1.45B	1.45B	2.38B	80.0	64.5	35.7	32.2	36.2	7.50B	4.05B	
4	2.60B	1.71B	1.45B	1.46B	2.56B	78.2	58.3	32.3	38.8	32.7	7.20B	3.95B	
5	2.56B	1.69B	1.45B	1.46B	2.80B	88.0	55.6	31.9	42.4	29.2	7.00B	3.90B	
6	2.53B	1.67B	1.45B	1.47B	3.10B	90.9	55.0	31.6	53.7	25.8	6.80B	3.82B	
7	2.50B	1.64B	1.45B	1.47B	3.45B	79.4	55.3	53.8	74.8	24.0 B	6.55B	3.75B	
8	2.49B	1.61B	1.45B	1.47B	3.95B	70.9	52.5	55.9	57.2	23.0 B	6.40B	3.68B	
9	2.44B	1.58B	1.45B	1.48B	4.35B	66.6	52.6	46.5	48.1	21.2 B	6.20B	3.60B	
10	2.41B	1.54B	1.45B	1.48B	5.05B	77.1	53.9	45.4	63.7	20.0 B	6.00B	3.56B	1
11	2.39B	1.52B	1.45B	1.49B	6.10B	76.3	53.1	43.2	70.2	18.6 B	5.80B	3.50B	1
12	2.38B	1.51B	1.45B	1.49B	8.00B	80.4	43.2	40.2	64.9	17.2 B	5.65B	3.42B	1
13	2.35B	1.50B	1.45B	1.49B	11.0 B	84.2	35.6	36.7	67.4	16.0 B	5.55B	3.38B	1
14	2.33B	1.49B	1.44B	1.50B	14.5 B	79.1	33.7	35.7	69.9	14.0 B	5.45B	3.34B	1
15	2.32B	1.49B	1.43B	1.50B	18.5 B	83.0	32.5	31.1	73.8	12.0 B	5.30B	3.30B	1
16	2.31B	1.49B	1.42B	1.51B	23.0 B	92.0	31.6	30.3	105	11.4 B	5.20B	3.28B	1
17	2.30B	1.48B	1.41B	1.52B	29.0 B	93.1	31.9	30.3	81.1	10.0 B	5.10B	3.25B	1
18	2.29B	1.48B	1.41B	1.53B	34.0 B	79.2	31.2	37.8	64.4	9.60B	5.05B	3.22B	1
19	2.26B	1.48B	1.41B	1.54B	35.0	72.4	31.5	38.5	57.1	9.90B	5.00B	3.20B	1
20	2.23B	1.48B	1.41B	1.55B	35.5	71.4	33.3	76.5	53.2	10.4 B	4.98B	3.16B	2
21	2.21B	1.47B	1.41B	1.56B	42.0	72.2	33.8	84.5	48.7	10.7 B	4.90B	3.14B	2
22	2.20B	1.47B	1.41B	1.58B	49.1	70.3	33.6	66.6	53.6	10.7 B	4.85B	3.10B	2
23	2.18B	1.47B	1.41B	1.60B	55.2	76.0	31.8	51.1	71.5	10.4 B	4.80B	3.09B	2
24	2.15B	1.47B	1.41B	1.65B	53.9	114	29.2	42.2	79.9	10.0 B	4.75B	3.05B	2
25	2.12B	1.46B	1.42B	1.68B	53.4	100	27.3	36.4	69.1	9.60B	4.70B	3.01B	2
26	2.10B	1.46B	1.42B	1.72B	63.0	89.7	26.9	32.3	62.1	9.20B	4.60B	3.00B	2
27	2.06B	1.45B	1.42B	1.75B	71.5	75.0	28.1	31.2	52.1	9.00B	4.55B	2.98B	2
28	2.02B	1.44B	1.43B	1.84B	81.9	68.9	27.4	41.1	45.8	8.70B	4.50B	2.90B	2
29	1.98B		1.43B	1.90B	103	75.2	26.3	50.9	48.0	8.50B	4.40B	2.88B	2
30	1.91B		1.44B	2.00B	123	75.2	29.4	47.4	47.1	8.30B	4.30B	2.82B	3
31	1.89B		1.44B		152		39.3	40.7		8.10B		2.80B	3
TOTAL	71.49	43.44	44.40	47.03	1 094.56	2 515.7	1 276.7	1 324.3	1 766.2	525.70	168.53	104.43	TOT
MEAN	2.31	1.55	1.43	1.57	35.3	83.9	41.2	42.7	58.9	17.0	5.62	3.37	MEA
MAX	2.69	1.84	1.45	2.00	152	152	72.9	84.5	105	43.3	7.85	4.20	MAX
MIN	1.89	1.44	1.41	1.44	2.10	66.6	26.3	30.3	32.2	8.10	4.30	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.6
MAXIMUM DAILY, 152 ON MAY 31
MINIMUM DAILY, 1.41B ON MAR 17
MAXIMUM INSTANTANEOUS,
164 AT 04:05 YST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 55 30 N
LONG 130 32 30 W
DRAINAGE AREA, 997 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 180	JUL	110 000
FEB	3 750	AUG	114 000
MAR	3 840	SEP	153 000
APR	4 060	OCT	45 400
MAY	94 600	NOV	14 600
JUN	217 000	DEC	9 020

TOTAL DISCHARGE, 775 000 dam³

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	48.5B	37.0B	31.5B	31.5B	73.0B	2 270	901	362	614	1 190	149 B	90.0B	1
2	48.0B	36.5B	31.0B	31.7B	86.0B	2 470	832	422	567	1 120	153 B	88.0B	2
3	48.0B	36.0B	31.0B	31.9B	105 B	2 520	771	437	570	1 030	152 B	86.5B	3
4	47.5B	36.0B	31.0B	32.0B	138 B	2 090	739	433	567	936	151 B	85.0B	4
5	47.5B	35.5B	31.0B	32.1B	170 B	1 630	711	431	586	849	150 B	83.0B	5
6	47.5B	35.5B	31.0B	32.2B	260 E	1 480	678	426	631	768	149 B	81.0B	6
7	47.5B	35.0B	31.0B	32.4B	310 E	1 480	645	468	671	697	145 B	80.0B	7
8	47.0B	34.5B	31.0B	32.6B	330 E	1 330	629	502	795	650	140 B	78.0B	8
9	46.5B	34.5B	31.0B	32.8B	345 E	1 130	623	599	880	632	135 B	77.0B	9
10	46.3B	34.0B	31.0B	33.0B	355 E	1 000	622	603	853	620	131 B	75.5B	10
11	46.0B	34.0B	31.0B	33.5B	365 E	1 010	630	566	871	581	129 B	74.0B	11
12	45.9B	33.5B	31.0B	33.8B	390 E	1 080	630	541	935	525	125 B	73.5B	12
13	45.8B	33.5B	31.0B	34.0B	410 E	1 050	617	513	944	504	121 B	72.5B	13
14	45.4B	33.5B	31.0B	34.0B	460 E	1 050	568	489	879	499	119 B	72.0B	14
15	45.0B	33.5B	31.0B	34.1B	577 A	1 040	522	461	858	474	117 B	70.5B	15
16	44.8B	33.0B	31.0B	34.2B	609	1 030	497	432	868	423	114 B	70.0B	16
17	44.4B	33.0B	31.0B	34.8B	675	1 090	474	413	991	360B	111 B	69.5B	17
18	44.2B	32.5B	31.0B	35.0B	763	1 250	453	421	1 140	280B	110 B	69.0B	18
19	44.0B	32.5B	31.0B	35.2B	853	1 250	435	434	1 080	210B	108 B	68.0B	19
20	43.8B	32.5B	31.0B	36.0B	927	1 210	419	485	1 010	168B	106 B	67.0B	20
21	43.6B	32.5B	31.0B	36.5B	933	1 180	404	566	963	145B	104 B	66.0B	21
22	43.0B	32.0B	31.0B	37.5B	940	1 130	397	755	932	126B	103 B	65.5B	22
23	42.0B	32.0B	31.0B	38.5B	1 030	1 080	393	853	962	112B	102 B	64.5B	23
24	41.2B	32.0B	31.0B	39.5B	1 160	1 070	385	795	1 100	109B	100 B	64.3B	24
25	40.4B	32.0B	31.0B	41.5B	1 260	1 310	373	702	1 400	108B	99.0B	64.0B	25
26	40.0B	32.0B	31.0B	43.5B	1 210	1 590	359	631	1 590	108B	97.5B	63.7B	26
27	39.5B	31.5B	31.0B	47.0B	1 200	1 430	348	580	1 560	109B	96.0B	63.3B	27
28	39.0B	31.5B	31.1B	51.0B	1 310	1 200	349	552	1 400	110B	95.0B	62.5B	28
29	38.5B		31.2B	56.0B	1 510	1 050	348	548	1 250	112B	93.5B	61.5B	29
30	38.0B		31.3B	61.0B	1 730	958	335	572	1 200	120B	92.0B	60.5B	30
31	37.5B		31.4B		2 050		332	607		131B		60.0B	31
TOTAL	1 366.3	941.5	962.5	1 118.8	22 534.0	40 458	16 419	16 599	28 687	13 806	3 597.0	2 225.8	TOTA
MEAN	44.1	33.6	31.0	37.3	727	1 350	530	535	956	445	120	71.8	MEAN
MAX	48.5	37.0	31.5	61.0	2 050	2 520	901	853	1 590	1 190	153	90.0	MAX
MIN	37.5	31.5	31.0	31.5	73.0	958	332	362	567	108	92.0	60.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 407
MAXIMUM DAILY, 2 520 ON JUN 03
MINIMUM DAILY, 31.0B ON MAR 02
MAXIMUM INSTANTANEOUS,
2 560 AT 08:53 YST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 29 17 N
LONG 135 08 06 W
DRAINAGE AREA, 30 600 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	118 000	JUL	1 420 000
FEB	81 300	AUG	1 430 000
MAR	83 200	SEP	2 480 000
APR	96 700	OCT	1 190 000
MAY	1 950 000	NOV	311 000
JUN	3 500 000	DEC	192 000

TOTAL DISCHARGE, 12 900 000 dam³

YUKON TERRITORY

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.3B	59.7B	54.7B	58.2B	236B	2 090	1 180	374	649	1 390	170B	104 B	1
2	71.6B	59.4B	54.5B	59.2B	272B	2 110	1 090	367	680	1 350	171B	103 B	2
3	70.9B	59.2B	54.3B	60.0B	320B	2 490	1 040	384	698	1 320	170B	102 B	3
4	70.4B	59.0B	54.1B	60.8B	400B	2 640	975	434	683	1 250	168B	101 B	4
5	70.0B	58.8B	54.0B	62.0B	599	2 670	911	469	670	1 160	164B	99.0B	5
6	69.6B	58.5B	53.9B	63.2B	748	2 210	879	468	672	1 080	160B	98.0B	6
7	69.2B	58.2B	53.8B	64.2B	782	1 750	838	467	690	993	156B	97.5B	7
8	68.8B	57.9B	53.7B	66.0B	779	1 640	793	477	731	929	153B	96.5B	8
9	68.4B	57.7B	53.7B	67.5B	793	1 580	768	517	786	867	150B	96.3B	9
10	68.0B	57.5B	53.6B	69.0B	776	1 420	749	565	927	788	147B	96.1B	10
11	67.6B	57.3B	53.6B	71.0B	773	1 270	739	650	1 060	769	144B	96.0B	11
12	67.2B	57.1B	53.6B	73.5B	787	1 190	731	681	1 060	767	141B	95.9B	12
13	66.8B	56.9B	53.6B	75.5B	823	1 200	734	644	1 060	745	138B	95.4B	13
14	66.4B	56.7B	53.6B	78.5B	845	1 220	735	613	1 100	687	136B	94.9B	14
15	66.0B	56.5B	53.5B	81.0B	852	1 210	720	583	1 080	653	134B	94.4B	15
16	65.6B	56.3B	53.6B	84.5B	865	1 220	674	553	1 020	613	131B	94.0B	16
17	65.2B	56.1B	53.6B	88.5B	886	1 200	617	520	1 010	540B	128B	93.6B	17
18	64.8B	55.9B	53.7B	93.0B	922	1 210	578	481	1 010	450B	126B	93.2B	18
19	64.4B	55.8B	53.7B	100 B	996	1 290	545	457	1 130	330B	124B	92.8B	19
20	64.0B	55.7B	53.8B	106 B	1 080	1 420	514	459	1 230	260B	121B	92.5B	20
21	63.6B	55.6B	53.9B	111 B	1 160	1 420	492	484	1 200	190B	119B	92.2B	21
22	63.2B	55.5B	54.1B	119 B	1 250	1 400	465	538	1 140	150B	118B	91.9B	22
23	62.8B	55.4B	54.4B	124 B	1 280	1 380	448	630	1 110	124B	116B	91.6B	23
24	62.4B	55.3B	54.7B	131 B	1 250	1 320	437	800	1 090	117B	113B	91.3B	24
25	62.0B	55.2B	55.0B	138 B	1 330	1 270	431	911	1 130	110B	111B	91.0B	25
26	61.6B	55.1B	55.2B	150 B	1 430	1 280	422	879	1 300	109B	109B	90.7B	26
27	61.3B	55.0B	55.5B	162 B	1 490	1 530	415	804	1 580	111B	108B	90.4B	27
28	60.9B	54.9B	55.8B	178 B	1 460	1 660	401	742	1 720	119B	107B	90.1B	28
29	60.5B		56.4B	194 B	1 490	1 520	385	684	1 680	129B	106B	89.9B	29
30	60.2B		57.0B	210 B	1 630	1 320	383	649	1 520	152B	105B	89.7B	30
31	60.0B		57.5B		1 820		382	633		164B		89.5B	31
TOTAL	2 035.7	1 592.2	1 686.1	2 998.6	30 124	47 330	20 471	17 917	31 416	18 416	4 044	2 934.4	TOTAL
MEAN	65.7	56.9	54.4	100	972	1 580	660	578	1 050	594	135	94.7	MEAN
MAX	72.3	59.7	57.5	210	1 820	2 670	1 180	911	1 720	1 390	171	104	MAX
MIN	60.0	54.9	53.5	58.2	236	1 190	382	367	649	109	105	89.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 496
MAXIMUM DAILY, 2 670 ON JUN 05
MINIMUM DAILY, 53.5B ON MAR 15
MAXIMUM INSTANTANEOUS
2 740 AT 06:00 YST ON JUN 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 16 55 N
LONG 139 14 56 W
DRAINAGE AREA, 51 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	176 000	JUL	1 770 000
FEB	138 000	AUG	1 550 000
MAR	146 000	SEP	2 710 000
APR	259 000	OCT	1 590 000
MAY	2 600 000	NOV	349 000
JUN	4 090 000	DEC	254 000

TOTAL DISCHARGE, 15 600 000 dam³

STEWART RIVER NEAR MAYO - STATION NO. 09DC006

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.736	3.515	3.822	---	---	---	4.840	---	---	---	1
2	---	---	3.730	3.519	3.968	---	---	---	4.833	---	---	---	2
3	---	---	3.710	3.517	4.158	---	---	---	4.760	---	---	---	3
4	---	---	3.686	3.514	4.606	7.966A	---	---	4.720	---	---	---	4
5	---	---	3.680	3.521	4.736	7.084A	---	---	4.725	---	---	---	5
6	---	---	3.673	3.521	4.614	---	---	---	4.761	---	---	---	6
7	---	---	3.660	3.512	4.707	---	---	---	4.876	---	---	---	7
8	---	---	3.658	3.511	4.655	---	---	---	4.978	---	---	---	8
9	---	---	3.650	3.492	4.569	---	---	---	5.196	---	---	---	9
10	---	---	3.646	3.462	4.554	---	---	---	5.491A	---	---	---	10
11	---	---	3.642	3.437	4.660	---	---	---	---	---	---	---	11
12	---	---	3.641	3.415	4.764	---	---	---	---	4.763A	---	---	12
13	---	---	3.627	3.416	4.818	---	---	---	---	---	---	---	13
14	---	---	3.617	3.419	4.850	---	---	---	---	---	---	---	14
15	---	---	3.598	3.422	4.848	---	---	---	---	---	---	---	15
16	---	---	3.579	3.425	4.898	---	---	---	---	---	---	---	16
17	---	---	3.574	3.441	5.035	---	---	---	---	---	---	---	17
18	---	---	3.575	3.439	5.262	---	---	---	---	---	---	---	18
19	---	---	3.559	3.436	5.483	---	---	---	---	---	---	---	19
20	---	---	3.566	3.460	---	---	---	---	---	---	---	---	20
21	---	---	3.568	3.472	---	---	---	---	---	---	---	---	21
22	---	---	3.562	3.466	---	---	---	---	---	---	---	---	22
23	---	---	3.563	3.484	---	---	---	---	---	---	---	---	23
24	---	---	3.555	3.513	---	---	---	---	---	---	---	---	24
25	---	---	3.551	3.535	---	---	---	---	---	---	---	---	25
26	---	3.808A	3.548	3.552	---	---	---	---	---	---	---	---	26
27	---	3.779	3.533	3.588	---	---	---	---	---	---	---	---	27
28	---	3.743	3.524	3.637	---	---	---	---	---	---	---	---	28
29	---		3.522	3.655	---	---	---	---	---	---	---	---	29
30	---		3.522	3.724	---	---	---	4.655A	---	---	---	---	30
31	---		3.519		---		---	4.677	---	---	---	---	31
								4.755		---		---	
MEAN	---	---	3.606	3.500	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	3.736	3.724	---	---	---	---	---	---	---	---	MAX
MIN	---	---	3.519	3.411	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 3.411 ON APR 14

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 26 N
LONG 135 53 48 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 479.472 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

YUKON TERRITORY

TAKHANNE RIVER AT KM 167 HAINES HIGHWAY - STATION NO. 08AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.38B	1.09 B	0.900B	0.810B	2.39	28.9 E	14.9	5.40E	3.17	4.30	1.60B	1.17 B	1
2	1.37B	1.08 B	0.890B	0.820B	2.14	26.0 E	13.5	4.40E	3.14	4.13	1.56B	1.17 B	2
3	1.36B	1.08 B	0.890B	0.840B	2.03	23.0 E	13.2	3.90E	3.11	3.91	1.52B	1.16 B	3
4	1.35B	1.07 B	0.880B	0.858B	2.11	21.0 E	13.5	4.20E	3.83	3.50B	1.50B	1.16 B	4
5	1.34B	1.06 B	0.880B	0.880B	2.20	21.4 E	12.0	4.60E	4.47	3.15B	1.49B	1.15 B	5
6	1.32B	1.05 B	0.880B	0.900B	2.24	21.7 A	10.6	4.40E	3.83	2.92B	1.49B	1.15 B	6
7	1.30B	1.04 B	0.870B	0.920B	2.27	20.7	10.4	4.20E	3.56	2.76B	1.49B	1.14 B	7
8	1.28B	1.04 B	0.870B	0.940B	2.56	17.6	10.3	4.05A	3.43	2.60B	1.49B	1.14 B	8
9	1.27B	1.03 B	0.860B	0.980B	3.33	14.7	9.54	4.31	3.21	2.61B	1.48B	1.13 B	9
10	1.26B	1.02 B	0.860B	1.00 B	4.35	12.4	9.40	4.39	3.23	2.55B	1.43B	1.13 B	10
11	1.25B	1.01 B	0.860B	1.02 B	4.89	12.1	8.44	4.34	2.98	2.52B	1.40B	1.13 B	11
12	1.25B	1.00 B	0.850B	1.05 B	5.09	12.3	7.71	4.01	2.89	2.48B	1.38B	1.12 B	12
13	1.25B	1.00 B	0.850B	1.06 B	5.71	14.5	6.76	3.90	3.12	2.43B	1.35B	1.11 B	13
14	1.25B	0.990B	0.840B	1.07 B	6.56	14.8	6.60	3.67	3.15	2.33B	1.32B	1.10 B	14
15	1.25B	0.980B	0.840B	1.08 B	7.13	13.2	6.20	3.54	3.65	2.29B	1.30B	1.10 B	15
16	1.25B	0.970B	0.840B	1.09 B	8.95	10.3	5.81	3.33	3.29	2.20B	1.29B	1.09 B	16
17	1.24B	0.960B	0.830B	1.10 B	11.1	8.48	5.72	3.15	3.11	2.08B	1.28B	1.08 B	17
18	1.23B	0.960B	0.830B	1.12 B	12.0	8.75A	6.74	3.10	3.20	1.96B	1.27B	1.07 B	18
19	1.22B	0.950B	0.820B	1.15 B	12.7	9.40E	7.03	4.58	3.33	1.91B	1.26B	1.06 B	19
20	1.21B	0.940B	0.820B	1.19 B	13.9	9.80E	6.48	5.87	3.08	1.90B	1.25B	1.06 B	20
21	1.20B	0.940B	0.820B	1.25 B	12.9	9.30E	5.95	4.59	4.26	1.94B	1.24B	1.05 B	21
22	1.19B	0.930B	0.810B	1.31 B	10.9	8.80E	5.31	5.09	5.93	1.96B	1.23B	1.05 B	22
23	1.18B	0.930B	0.810B	1.37 A	8.73	9.40E	5.03	4.85	5.71	1.95B	1.22B	1.04 B	23
24	1.17B	0.920B	0.800B	1.51	7.63	11.5 E	5.07	4.27	6.10	1.89B	1.21B	1.03 B	24
25	1.16B	0.920B	0.800B	1.70	7.57	13.2 E	4.90	4.60	7.03	1.81B	1.21B	1.02 B	25
26	1.15B	0.920B	0.800B	1.73	9.97	13.1 E	4.78	4.43	5.10	1.73B	1.21B	1.01 B	26
27	1.14B	0.910B	0.800B	1.63	18.2	13.0 E	4.44	4.20	4.48	1.70B	1.20B	1.00 B	27
28	1.13B	0.910B	0.800B	1.93	22.0	13.8 E	4.25	3.83	4.56	1.69B	1.20B	0.990B	28
29	1.12B		0.800B	2.23	24.0 E	15.6 A	4.25A	3.64	5.25	1.67B	1.19B	0.980B	29
30	1.11B		0.800B	2.36	25.5 E	14.4	5.40E	3.46	4.72	1.65B	1.18B	0.970B	30
31	1.10B		0.800B		27.0 E		7.00E	3.37		1.62B		0.960B	31
TOTAL	38.28	27.700	26.000	36.898	288.27	443.13	240.81	129.67	119.92	74.22	40.24	33.520	TOTAL
MEAN	1.23	0.989	0.839	1.23	9.30	14.8	7.77	4.18	4.00	2.39	1.34	1.08	MEAN
MAX	1.38	1.09	0.900	2.36	27.0	28.9	14.9	5.87	7.03	4.30	1.60	1.17	MAX
MIN	1.10	0.910	0.800	0.810	2.03	8.48	4.25	3.10	2.89	1.62	1.18	0.960	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 28.9E ON JUN 01
MINIMUM DAILY, 0.800B ON MAR 24
MAXIMUM INSTANTANEOUS,
31.5 ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 05 50 N
LONG 136 55 00 W
DRAINAGE AREA, 365 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 310	JUL	20 800
FEB	2 390	AUG	11 200
MAR	2 250	SEP	10 400
APR	3 190	OCT	6 410
MAY	24 900	NOV	3 480
JUN	38 300	DEC	2 900

TOTAL DISCHARGE, 130 000 dam³

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.8B	13.2B	10.4 B	9.00B	21.7	96.5	199	167	142	79.8E	45.0B	25.0B	1
2	17.7B	13.1B	10.4 B	9.00B	21.3	108	203	167	139	75.2E	44.8B	24.3B	2
3	17.6B	13.1B	10.4 B	9.00B	20.7	108	204	165	138	72.0E	44.2B	23.9B	3
4	17.5B	13.1B	10.3 B	8.95B	20.2	111	204	163	135	70.0E	43.9B	23.7B	4
5	17.2B	13.1B	10.2 B	8.90B	19.8	121	205	161	131	68.0E	43.0B	23.4B	5
6	17.1B	13.0B	10.1 B	8.88B	19.7	130	204	160	130	66.8E	40.0B	23.3B	6
7	17.0B	12.9B	9.85B	8.85B	19.3	144	205	160	127	65.3E	38.4B	23.4B	7
8	16.9B	12.7B	9.80B	8.82B	19.7	161	204	157	122	64.1E	37.3B	23.5B	8
9	16.9B	12.3B	9.73B	8.85B	20.0	161	201	155	122	62.1E	36.0B	23.6B	9
10	16.8B	12.0B	9.70B	8.89B	20.0	162	201	153	122	60.9B	34.9B	23.5B	10
11	16.7B	11.9B	9.70B	9.00B	20.2	161	200	153	116	59.5B	33.9B	23.5B	11
12	16.7B	11.8B	9.70B	9.10B	20.6	160	196	152	113	58.6B	33.6B	23.3B	12
13	16.7B	11.7B	9.70B	9.29B	21.0	161	195	152	113	58.3B	33.5B	23.0B	13
14	16.6B	11.7B	9.70B	9.55B	21.5	165	190	153	109	57.9B	33.5B	22.7B	14
15	16.5B	11.6B	9.70B	9.89B	22.2	168	185	156	108 E	57.5B	33.5B	22.0B	15
16	16.5B	11.6B	9.72B	10.3 B	23.4	169	181	158	107 E	56.8B	33.5B	21.0B	16
17	16.4B	11.5B	9.75B	10.8 B	24.8	169	177	161	104 E	54.0B	33.4B	20.4B	17
18	16.3B	11.5B	9.73B	11.2 B	27.0	167	174	161	102 E	49.9B	33.0B	20.1B	18
19	16.3B	11.4B	9.67B	11.9 B	29.1	164	172	160	99.0E	49.1B	31.6B	19.9B	19
20	16.2B	11.4B	9.58B	12.6 B	31.8	162	171	163	98.0E	48.8B	30.2B	19.9B	20
21	16.1B	11.3B	9.38B	13.2 B	34.3	159	170	162	97.0E	48.6B	29.0B	19.9B	21
22	16.0B	11.2B	9.24B	13.9 B	35.8	158	168	162	95.2E	48.3B	28.3B	20.0B	22
23	15.7B	11.1B	9.16B	14.8 B	36.7	160	167	161	93.2E	48.0B	27.9B	20.0B	23
24	15.3B	11.0B	9.13B	15.6 B	37.3	168	166	160	91.0E	47.7B	27.7B	20.0B	24
25	15.0B	10.9B	9.10B	16.2 B	38.2	215	171	158	90.5E	47.0B	27.4B	19.9B	25
26	14.9B	10.8B	9.08B	17.2 B	39.5	204	171	156	89.3E	46.5B	27.0B	19.8B	26
27	14.6B	10.7B	9.08B	18.2 B	45.3	205	170	155	88.0E	46.1B	26.5B	19.2B	27
28	14.4B	10.5B	9.06B	19.2 B	54.5	206	167	153	86.7E	45.9B	26.1B	18.9B	28
29	14.2B		9.04B	20.3	61.9	201	165	150	85.1E	45.4B	25.9B	18.6B	29
30	13.8B		9.02B	21.2	67.7	199	164	146	83.9E	45.0B	25.6B	18.4B	30
31	13.4B		9.01B		73.8		165	144		45.0B		17.9B	31
TOTAL	500.8	332.1	298.15	362.57	968.7	4 823.5	5 717	4 884	3 276.9	1 748.1	1 008.6	665.9	TOTAL
MEAN	16.2	11.9	9.62	12.1	31.2	161	184	158	109	56.4	33.6	21.5	MEAN
MAX	17.8	13.2	10.4	21.2	73.8	215	205	167	142	79.8	45.0	25.0	MAX
MIN	13.4	10.5	9.01	8.82	19.3	96.5	164	144	83.9	45.0	25.6	17.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.4
MAXIMUM DAILY, 215 ON JUN 25
MINIMUM DAILY, 8.82B ON APR 08
MAXIMUM INSTANTANEOUS,
224 AT 09:04 YST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 08 N
LONG 135 44 21 W
DRAINAGE AREA, 6 990 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 300	JUL	494 000
FEB	28 700	AUG	422 000
MAR	25 800	SEP	283 000
APR	31 300	OCT	151 000
MAY	83 700	NOV	87 100
JUN	417 000	DEC	57 500

TOTAL DISCHARGE, 2 120 000 dam³

YUKON TERRITORY

TATSHENSHINI RIVER NEAR DALTON POST - STATION NO. 08AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.70B	6.35B	5.20B	4.55B	19.6	128	91.8	53.2	26.3	29.9	8.80B	8.40B	1
2	7.65B	6.30B	5.18B	4.55B	18.5	118	89.0	43.4	23.9	27.4	8.80B	8.20B	2
3	7.60B	6.25B	5.15B	4.55B	18.1	103	86.8	40.3	23.7	25.8	8.90B	8.10B	3
4	7.55B	6.20B	5.13B	4.57B	18.6	111	82.5	47.1	30.2	23.8	9.10B	8.00B	4
5	7.50B	6.15B	5.10B	4.60B	18.0	122	77.8	47.7	33.3	21.0	9.40B	7.90B	5
6	7.46B	6.10B	5.08B	4.80B	18.9	110 E	75.1	49.0	31.1	20.0 B	9.50B	7.90B	6
7	7.42B	6.05B	5.05B	5.00B	20.3	98.0E	76.9	43.5	29.4	19.0 B	9.60B	8.00B	7
8	7.38B	6.00B	5.02B	5.20B	22.5	88.0E	71.1	41.2	25.9	17.8 B	9.70B	8.10B	8
9	7.34B	5.95B	5.00B	5.40B	25.4	79.0E	67.8	45.7	23.8	16.8 B	9.80B	8.10B	9
10	7.30B	5.90B	4.97B	5.60B	29.1	76.0E	64.0	53.6	25.7	16.0 B	9.90B	8.20B	10
11	7.27B	5.85B	4.95B	5.80B	30.9	72.0E	60.7	56.6	25.2	15.1 B	9.90B	8.20B	11
12	7.23B	5.80B	4.92B	6.00B	31.5	78.0E	52.1	56.6	24.1	14.3 B	9.90B	8.20B	12
13	7.20B	5.75B	4.90B	6.20B	34.7	90.0E	49.7	56.4	26.4	13.6 B	9.90B	8.10B	13
14	7.20B	5.70B	4.87B	6.40B	38.0	97.3A	46.0	52.9	28.0	13.4 B	9.80B	8.10B	14
15	7.20B	5.65B	4.85B	6.50B	39.6	88.9	44.6	50.1	31.5	12.7 B	9.70B	8.00B	15
16	7.20B	5.60B	4.82B	6.60B	42.7	73.6	43.5	47.9	26.6	11.4 B	9.70B	7.90B	16
17	7.20B	5.55B	4.80B	6.70B	49.7	63.8	46.3	47.9	23.0	10.8 B	9.70B	7.90B	17
18	7.15B	5.50B	4.78B	6.80B	53.3	60.5	62.9	46.3	22.3	11.0 B	9.60B	8.00B	18
19	7.10B	5.45B	4.76B	6.90B	55.5	60.3	62.8	50.1	21.5	12.0 B	9.60B	8.10B	19
20	7.05B	5.40B	4.74B	7.00B	60.3	56.3	59.0	53.1	20.5	12.6 B	9.50B	8.20B	20
21	7.00B	5.38B	4.72B	8.40B	61.6	59.3	56.3	41.9	29.0	12.3 B	9.30B	8.30B	21
22	6.94B	5.36B	4.70B	8.80B	53.6	62.7	54.6	39.2	44.1	11.9 B	9.10B	8.40B	22
23	6.88B	5.34B	4.68B	9.00B	47.4	59.3	54.4	38.2	61.9	11.6 B	9.00B	8.50B	23
24	6.82B	5.32B	4.66B	10.5 B	44.5	52.6	56.4	36.7	52.9	11.6 B	8.90B	8.60B	24
25	6.76B	5.30B	4.64B	12.0 B	42.6	58.6	55.0	38.3	49.3	11.6 B	8.90B	8.60B	25
26	6.70B	5.28B	4.62B	13.3 A	46.2	69.9	49.8	37.8	38.5	11.4 B	8.80B	8.50B	26
27	6.64B	5.26B	4.60B	13.6	66.0	83.4	44.6	37.2	32.6	11.1 B	8.70B	8.40B	27
28	6.58B	5.24B	4.59B	16.4	91.4	83.7	41.3	43.9	31.5	10.9 B	8.60B	8.30B	28
29	6.52B		4.58B	19.6	90.0	84.0	48.2	39.1	37.2	10.8 B	8.57B	8.20B	29
30	6.46B		4.57B	20.3	89.4	92.4	66.3	32.3	33.5	9.50B	8.50B	8.10B	30
31	6.40B		4.56B		93.9		72.7	28.5		9.00B		8.00B	31
TOTAL	220.40	159.98	150.19	245.62	1 371.8	2 479.4	1 910.6	1 395.8	934.9	465.30	279.17	253.50	TOTAL
MEAN	7.11	5.71	4.84	8.19	44.3	82.6	61.6	45.0	31.2	15.0	9.31	8.18	MEAN
MAX	7.70	6.35	5.20	20.3	93.9	128	91.8	56.6	61.9	29.9	9.90	8.60	MAX
MIN	6.40	5.24	4.56	4.55	18.0	52.6	41.3	28.5	20.5	9.00	8.50	7.90	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.0
MAXIMUM DAILY, 128 ON JUN 01
MINIMUM DAILY, 4.55B ON APR 01
MAXIMUM INSTANTANEOUS,
137 AT 11:59 YST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 06 N
LONG 137 05 15 W
DRAINAGE AREA, 1 750 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 000	JUL	165 000
FEB	13 800	AUG	121 000
MAR	13 000	SEP	80 800
APR	21 200	OCT	40 200
MAY	119 000	NOV	24 100
JUN	214 000	DEC	21 900

TOTAL DISCHARGE, 853 000 dam³

TAY RIVER NEAR THE MOUTH - STATION NO. 09BC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	47.8	98.5	69.1	19.0	49.9	58.5	15.5 B	8.50B	1
2	---	---	---	---	53.0	96.9	65.3	19.6	46.1	56.7	15.2 B	8.40B	2
3	---	---	---	---	56.8	88.1	60.7	19.4	43.8	54.0	14.7 B	8.20B	3
4	---	---	---	---	56.4	72.4	56.0	19.4	46.7	51.3	14.2 B	8.10B	4
5	---	---	---	---	61.8	66.8	52.6	19.6	57.4	46.8	13.8 B	7.90B	5
6	---	---	---	---	65.6	61.1	49.7	18.6	73.0	43.2	13.4 B	7.80B	6
7	---	---	---	---	64.2	58.3	46.2	19.9	81.3	40.3	13.0 B	7.70B	7
8	---	---	---	---	60.7	53.8	45.1	24.4	88.4	40.8	12.6 B	7.60B	8
9	---	---	---	---	61.9	50.7	43.4	29.7	89.0	39.9	12.4 B	7.50B	9
10	---	---	---	---	70.1	47.4	42.6	30.1	85.4	38.6	12.1 B	7.40B	10
11	---	---	---	---	80.0	45.2	41.1	29.1	88.3	37.1	12.0 B	7.30B	11
12	---	---	---	---	82.5	43.4	39.1	27.8	95.8	35.2	11.8 B	7.20B	12
13	---	---	---	---	80.6	41.8	37.0	26.1	99.6	34.6	11.5 B	7.10B	13
14	---	---	---	---	77.0	39.7	34.5	25.1	97.3	33.3	11.3 B	7.05B	14
15	---	---	---	---	74.2	38.2	33.1	24.0	90.9	27.8	11.1 B	7.00B	15
16	---	---	---	---	77.0	36.5	31.6	22.8	83.9	22.7	11.0 B	6.95B	16
17	---	---	---	---	83.9	34.3	29.8	22.5	86.8	18.5B	10.8 B	6.90B	17
18	---	---	---	---	88.6	33.0	28.9	21.9	88.4	16.3B	10.5 B	6.80B	18
19	---	---	---	---	90.8	32.3	27.5	20.7	85.2	15.2B	10.3 B	6.70B	19
20	---	---	---	---	88.5	31.3	26.1	21.0	82.6	14.8B	10.1 B	6.65B	20
21	---	---	---	---	83.9	30.6	24.6	21.6	80.1	15.2B	10.0 B	6.55B	21
22	---	---	---	---	83.6	29.5	24.1	22.7	75.6	15.8B	9.90B	6.50B	22
23	---	---	---	---	84.8	28.6	22.9	23.9	74.7	16.4B	9.70B	6.40B	23
24	---	---	---	---	78.2	48.1	21.7	24.6	72.3	16.8B	9.50B	6.35B	24
25	---	---	---	---	69.7	90.0	20.9	24.4	66.5	17.0B	9.40B	6.30B	25
26	---	---	---	---	64.4	120	20.5	23.9	63.7	17.0B	9.30B	6.25B	26
27	---	---	---	---	63.7	106	20.2	24.3	61.8	17.0B	9.10B	6.15B	27
28	---	---	---	---	68.1	88.8	19.7	28.9	59.2	16.9B	8.90B	6.05B	28
29	---	---	---	---	77.8	78.4	19.0	38.0	57.8	16.5B	8.80B	6.00B	29
30	---		---	41.1	86.2	70.8	18.5	49.8	57.3	16.2B	8.70B	5.95B	30
31	---		---		95.3		18.4	54.3		15.9B		5.90B	31
TOTAL	---	---	---	---	2 277.1	1 760.5	1 090.1	797.2	2 228.8	906.3	340.60	217.15	TOTAL
MEAN	---	---	---	---	73.5	58.7	35.2	25.7	74.3	29.2	11.4	7.00	MEAN
MAX	---	---	---	---	95.3	120	69.1	54.3	99.6	58.5	15.5	8.50	MAX
MIN	---	---	---	---	47.8	28.6	18.4	18.6	43.8	14.8	8.70	5.90	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 120 ON JUN 26

MAXIMUM INSTANTANEOUS,
124 AT 15:18 YST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 34 40 N
LONG 134 04 20 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	94 200
FEB	---	AUG	68 900
MAR	---	SEP	193 000
APR	---	OCT	78 300
MAY	197 000	NOV	29 400
JUN	152 000	DEC	18 800

YUKON TERRITORY

TESLIN LAKE AT TESLIN - STATION NO. 09AE002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.532	3.398	3.267	3.073	3.282	6.451	6.881	5.270E	4.228	3.971	3.741	3.488	1
2	3.538	3.399	3.257	3.069	3.324	6.683	6.850	5.220E	4.215	3.981	3.732	3.498	2
3	3.543	3.398	3.250	3.073	3.362	6.904	6.811	5.160E	4.200	3.982	3.720	3.508	3
4	3.543	3.394	3.245	3.071	3.411	7.099	6.774	5.110E	4.187	3.981	3.707	3.510	4
5	3.545	3.385	3.240	3.058	3.464	7.257	6.725	5.050E	4.170	3.975	3.685	3.512	5
6	3.547	3.392	3.232	3.056	3.521	7.381	6.681	5.000E	4.158	3.972	3.670	3.499	6
7	3.540	3.376	3.224	3.050	3.592	7.480	6.638	4.950E	4.145	3.983	3.661	3.491	7
8	3.533	3.370	3.217	3.044	3.657	7.550	6.592	4.900E	4.130	3.987	3.649	3.480	8
9	3.523	3.374	3.211	3.042	3.726	7.611	6.530	4.850E	4.123	3.978	3.640	3.474	9
10	3.516	3.369	3.194	3.040	3.796	7.659	6.466	4.820E	4.113	3.983	3.620	3.460	10
11	3.511	3.359	3.188	3.030	3.872	7.682	6.409	4.780E	4.096	3.976	3.601	3.453	11
12	3.506	3.353	3.191	3.036	3.968	7.686	6.360	4.740E	4.090	3.964	3.580	3.457	12
13	3.497	3.345	3.182	3.031	4.066	7.667	6.317A	4.720E	4.075	3.968	3.579	3.447	13
14	3.495	3.350	3.179	3.033	4.160	7.630	6.220E	4.680E	4.065	3.968	3.565	3.435	14
15	3.484	3.344	3.173	3.032	4.264	7.590	6.180E	4.640E	4.055	3.963	3.564	3.433	15
16	3.474	3.339	3.164	3.031	4.391	7.553	6.120E	4.620E	4.047	3.956	3.558	3.418	16
17	3.465	3.338	3.163	3.034	4.527	7.516	6.070E	4.580E	4.033	3.947	3.552	3.418	17
18	3.464	3.338	3.151	3.041	4.658	7.466	6.020E	4.560E	4.030	3.930	3.546	3.427	18
19	3.462	3.332	3.150	3.044	4.788	7.401	5.960E	4.520E	4.023	3.920	3.536	3.432	19
20	3.450	3.320	3.130	3.055	4.920	7.332	5.910E	4.500E	4.022	3.908	3.530	3.436	20
21	3.441	3.320	3.127	3.070	5.052	7.256	5.860E	4.470E	4.021	3.900	3.526	3.441	21
22	3.432	3.314	3.129	3.076	5.182	7.180	5.800E	4.440E	4.010	3.885	3.524	3.427	22
23	3.421	3.312	3.121	3.088	5.303	7.111	5.750E	4.420E	4.000	3.877	3.513	3.419	23
24	3.414	3.311	3.113	3.108	5.414	7.044	5.700E	4.390E	3.994	3.877	3.511	3.413	24
25	3.405	3.308	3.112	3.131	5.508	6.999	5.640E	4.360E	3.993	3.864	3.503	3.401	25
26	3.405	3.290	3.115	3.148	5.602	6.988	5.590E	4.340E	3.987	3.846	3.506	3.406	26
27	3.404	3.274	3.107	3.166	5.682	6.978	5.540E	4.325A	3.980	3.824	3.504	3.414	27
28	3.403	3.275	3.106	3.188	5.765	6.959	5.490E	4.312	3.986	3.811	3.497	3.410	28
29	3.397		3.096	3.220	5.877	6.942	5.430E	4.285	3.986	3.801	3.491	3.409	29
30	3.391		3.085	3.248	6.032	6.913	5.370E	4.263	3.982	3.777	3.494	3.402	30
31	3.395		3.080		6.217		5.330E	4.240		3.773		3.395	31
MEAN	3.473	3.346	3.168	3.080	4.528	7.266	6.129	4.662	4.071	3.920	3.583	3.446	MEA
MAX	3.547	3.399	3.267	3.248	6.217	7.686	6.881	5.270	4.228	3.987	3.741	3.512	MAX
MIN	3.391	3.274	3.080	3.030	3.282	6.451	5.330	4.240	3.980	3.773	3.491	3.395	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 4.227
MAXIMUM DAILY, 7.686 ON JUN 12
MINIMUM DAILY, 3.030 ON APR 11
MAXIMUM INSTANTANEOUS,
7.690 AT 06:06 YST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 30 N
LONG 132 42 27 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 677.055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1945 ADJ.)

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	127B	105 B	89.0B	72.0B	100	878	1 010	463	228	186	158B	128B	1
2	127B	105 B	88.5B	71.8B	105	963	1 000	454	226	189	157B	129B	2
3	127B	105 B	88.0B	71.2B	111	1 040	988	445	225	187	153B	130B	3
4	129B	104 B	88.0B	71.1B	116	1 110	974	434	222	183	152B	131B	4
5	127B	103 B	87.5B	71.0B	122	1 170	959	421	218	190	150B	133B	5
6	126B	103 B	87.0B	71.2B	129	1 210	943	407	215	191	149B	132B	6
7	125B	102 B	86.0B	71.4B	140	1 250	924	399	210	194	147B	130B	7
8	123B	101 B	85.0B	71.0B	150	1 280	902	390	212	195	145B	128B	8
9	121B	101 B	84.0B	70.9B	158	1 300	879	385	213	185	143B	127B	9
10	120B	101 B	83.0B	71.0B	171	1 320	864	378	212	190	141B	124B	10
11	119B	100 B	81.0B	71.2B	180	1 330	842	362	206	192	139B	123B	11
12	118B	100 B	80.0B	71.6B	194	1 320	818	350	207	189	138B	122B	12
13	117B	99.5B	79.5B	71.8B	215	1 310	793	341	207	190	137B	121B	13
14	116B	99.0B	79.0B	72.0B	233	1 300	769	333	205	191A	136B	120B	14
15	115B	98.0B	78.0B	72.7B	255	1 280	746	327	199	188E	135B	119B	15
16	114B	98.0B	77.0B	73.0	281	1 270	725	322	197	185E	135B	117B	16
17	113B	96.0B	76.5B	73.9	309	1 260	710	315	196	184E	134B	116B	17
18	112B	97.0B	76.0B	74.3	342	1 230	692	307	193	183E	134B	115B	18
19	111B	96.5B	75.5B	75.2	379	1 210	676	308	197	180E	133B	116B	19
20	110B	96.0B	75.5B	76.9	407	1 180	661	294	195	179E	133B	117B	20
21	109B	95.0B	75.0B	77.7	444	1 160	642	283	200	177E	132B	118B	21
22	109B	94.0B	75.0B	78.5	478	1 120	625	273	197	175E	132B	117B	22
23	108B	94.0B	74.5B	79.4	512	1 100	604	270	196	173E	131B	116B	23
24	108B	94.0B	74.0B	80.9	540	1 070	589	265	195	171E	131B	115B	24
25	108B	93.0B	74.0B	82.8	573	1 060	573	259	191	169E	131B	114B	25
26	107B	92.0B	74.0B	85.5	596	1 050	556	258	188	168E	130B	113B	26
27	107B	91.0B	73.5B	87.5	618	1 050	539	256	190	167E	130B	112B	27
28	107B	90.0B	73.0B	90.3	644	1 040	525	252	193	164E	129B	113B	28
29	106B		72.5B	92.8	677	1 030	510	239	193	162E	129B	114B	29
30	106B		72.5B	96.0	728	1 020	495	235	193	160E	129B	113B	30
31	106B		72.5B		799		476	231		159E		112B	31
TOTAL	3 577	2 755.0	2 454.5	2 296.6	10 708	34 911	23 009	10 256	6 119	5 596	4 153	3 735	TOT
MEAN	115	98.4	79.2	76.6	345	1 160	742	331	204	181	138	120	MEA
MAX	129	105	89.0	96.0	799	1 330	1 010	463	228	195	158	133	MAX
MIN	106	90.0	72.5	70.9	100	878	476	231	188	159	129	112	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 300
MAXIMUM DAILY, 1 330 ON JUN 11
MINIMUM DAILY, 70.9B ON APR 09
MAXIMUM INSTANTANEOUS,
1 330 AT 16:11 YST ON JUN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 29 04 N
LONG 133 18 07 W
DRAINAGE AREA, 30 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	309 000	JUL	1 990 000
FEB	238 000	AUG	886 000
MAR	212 000	SEP	529 000
APR	198 000	OCT	483 000
MAY	925 000	NOV	359 000
JUN	3 020 000	DEC	323 000

TOTAL DISCHARGE, 9 470 000 dam³

YUKON TERRITORY

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.575B	0.400B	0.402B	0.430B	3.25B	16.0	9.90	2.49	0.867	1.43	1.09 B	0.745B	1
2	0.565B	0.398B	0.403B	0.436B	3.65B	17.0	9.16	2.42	0.867	1.50	1.07 B	0.740B	2
3	0.560B	0.397B	0.404B	0.441B	4.20B	16.9	8.40	2.34	0.870	1.69	1.04 B	0.730B	3
4	0.550B	0.389B	0.403B	0.450B	4.80B	15.5	7.80	2.22	1.25	1.74	1.03 B	0.720B	4
5	0.545B	0.386B	0.402B	0.460B	5.50B	14.1	7.24	2.09	2.23	1.77	1.04 B	0.716B	5
6	0.535B	0.385B	0.401B	0.470B	6.40B	14.6	6.65	2.11	2.11	1.54 B	1.05 B	0.715B	6
7	0.530E	0.384B	0.400B	0.480B	7.30B	13.5	6.13	2.53	1.92	1.50	1.04 B	0.716B	7
8	0.520B	0.383B	0.396B	0.495B	8.20B	12.3	5.70	2.41	1.69	1.67	1.02 B	0.717B	8
9	0.515B	0.382B	0.392B	0.510B	9.00B	11.3	5.31	2.24	1.54	1.76	1.00 B	0.718B	9
10	0.505B	0.381B	0.389B	0.532B	10.5	10.3	5.18	2.09	1.43	1.76	0.980B	0.719B	10
11	0.503B	0.380B	0.390B	0.550B	9.51	9.46	5.02	1.94	1.37	1.74	0.960B	0.710B	11
12	0.501B	0.379B	0.392B	0.580B	9.19	8.78	4.72	1.82	1.35	1.68	0.950B	0.705B	12
13	0.495B	0.378B	0.397B	0.620B	9.19	8.12	4.57	1.61	1.29	1.65	0.940B	0.700B	13
14	0.485B	0.377B	0.400B	0.670B	9.19	7.57	4.59	1.46	1.27	1.25 B	0.930B	0.690B	14
15	0.480B	0.375B	0.401B	0.720B	9.45	7.09	4.37	1.37	1.21	1.10 B	0.920B	0.685B	15
16	0.479B	0.374B	0.402B	0.780B	9.75	6.69	4.12	1.29	1.24	0.800B	0.910B	0.682B	16
17	0.480B	0.375B	0.403B	0.840B	9.90	6.35	4.35	1.23	1.24	0.621B	0.900B	0.680B	17
18	0.482B	0.378B	0.400B	0.910B	10.4	5.98	4.13	1.12	1.30	0.640B	0.880B	0.670B	18
19	0.481B	0.380B	0.396B	0.990B	10.8	5.57	3.92	1.03	1.52	0.670B	0.850B	0.666B	19
20	0.478B	0.382B	0.392B	1.09 B	10.7	5.31	3.77	1.25	1.52	0.700B	0.810B	0.664B	20
21	0.475B	0.384B	0.385B	1.18 B	11.1	5.03	3.62	1.25	1.53	0.740B	0.790B	0.663B	21
22	0.468B	0.389B	0.384B	1.29 B	11.5	4.86	3.58	1.10	1.42	0.790B	0.785B	0.662B	22
23	0.460B	0.390B	0.385B	1.40 B	12.0	4.88	3.39	1.07	1.37	0.830B	0.780B	0.661B	23
24	0.445B	0.392B	0.387B	1.53 B	11.9	5.58	3.20	1.05	1.37	0.870B	0.779B	0.664B	24
25	0.440B	0.395B	0.390B	1.70 B	11.1	9.60	3.12	1.04	1.52	0.910B	0.779B	0.665B	25
26	0.439B	0.397B	0.393B	1.85 B	10.8	12.1	3.02	1.03	1.66	0.960B	0.780B	0.668B	26
27	0.430B	0.400B	0.400B	2.05 B	10.6	12.6	2.84	0.972	1.58	1.00 B	0.781B	0.669B	27
28	0.420B	0.401B	0.405B	2.30 B	10.9	11.2	2.71	0.943	1.55	1.04 B	0.781B	0.660B	28
29	0.415B		0.410B	2.50 B	11.7	10.7	2.61	0.900A	1.48	1.08 B	0.779B	0.650B	29
30	0.410B		0.418B	2.85 B	11.9	10.7	2.50	0.875E	1.43	1.12 B	0.765B	0.640B	30
31	0.407B		0.423B		14.4		2.50	0.855A		1.11 B		0.630B	31
TOTAL	15.073	10.811	12.347	31.104	288.78	299.67	148.12	48.145	42.994	37.661	27.209	21.320	TOTAL
MEAN	0.486	0.386	0.398	1.04	9.32	9.99	4.78	1.55	1.43	1.21	0.907	0.688	MEAN
MAX	0.575	0.401	0.423	2.85	14.4	17.0	9.90	2.53	2.23	1.77	1.09	0.745	MAX
MIN	0.407	0.374	0.384	0.430	3.25	4.86	2.50	0.855	0.867	0.621	0.765	0.630	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.69
MAXIMUM DAILY, 17.0 ON JUN 02
MINIMUM DAILY, 0.374B ON FEB 16
MAXIMUM INSTANTANEOUS,
17.3 AT 00:11 YST ON JUN 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 17 26 N
LONG 129 01 14 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300	JUL	12 800
FEB	934	AUG	4 160
MAR	1 070	SEP	3 710
APR	2 690	OCT	3 250
MAY	25 000	NOV	2 350
JUN	25 900	DEC	1 840

TOTAL DISCHARGE, 85 000 dam³

WAREHAM LAKE AT HEADGATE - STATION NO. 09DC004

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	78.649	---	78.304	---	77.977	77.836	77.940	77.938	78.391	---	78.324	78.681	1
2	78.651	---	78.336	---	77.970	77.701	77.964	77.981	78.441	---	78.313	78.664	2
3	78.645	---	78.371	---	77.977	77.677	77.983	78.033	78.489	---	78.255	78.652	3
4	78.635	---	78.411	---	78.015	77.613	77.970	78.076	78.498	---	78.191	78.658	4
5	78.632	---	78.446	---	78.082	77.721	77.937	78.128	78.508	---	78.167	78.660	5
6	78.640	---	---	---	78.003	77.792	77.921	78.169	78.500	---	78.196	78.681	6
7	78.645	---	---	---	77.863	77.834	77.909	78.089	78.470	---	78.261	78.712	7
8	78.643	---	---	---	77.787	77.920	77.908	77.957	78.365	---	78.250	78.738	8
9	78.613	---	---	---	77.824	77.963	77.896	77.834	78.261	---	78.215	78.772	9
10	78.598	---	---	---	77.955	77.983	77.911	77.886	78.205	---	78.170	78.800	10
11	78.595	---	---	77.896A	78.055	77.985	77.929	77.954	78.154	78.316	78.129	78.839	11
12	78.604	---	---	78.013	78.043	77.960	77.945	78.011	77.974	78.300	78.110	78.903	12
13	78.587	---	---	78.127	77.997	77.904	77.963	78.064	77.863	78.235	78.088	78.955	13
14	78.581	---	---	78.223	77.869	77.902	77.976	78.092	78.031	78.151	78.036	78.983	14
15	78.577	---	---	78.252	77.749	77.897	77.981	78.101	78.181	78.034	78.027	78.986	15
16	78.576	---	---	78.259	77.719	77.922	77.994	78.118	78.128	77.909	78.074	78.947	16
17	78.587	---	---	78.187	77.866	77.961	77.999	78.137	78.263	77.782	78.141	78.891	17
18	78.616	---	---	78.135	78.026	77.993	78.013	78.158	78.397	77.764	78.238	78.825	18
19	78.654	---	---	78.084	78.151	78.035	78.006	78.168	78.540	77.900	78.314	78.759	19
20	78.681	78.311A	---	78.043	78.086	78.034	77.997	78.213	78.581	78.107	78.401	78.715	20
21	78.692	78.294	---	78.010	77.959	77.955	77.989	78.294	78.615	78.350	78.475	78.672	21
22	78.704	78.282	---	77.972	77.823	77.959	77.859	78.364	78.371	78.559	78.522	78.640	22
23	78.715	78.265	---	77.941	77.743	77.966	77.906	78.411	78.170	78.624	78.559	78.614	23
24	78.715	78.267	---	77.908	77.706	77.981	77.795	78.376	78.226	78.632	78.573	78.566	24
25	78.718	78.260	---	77.887	77.837	77.963	77.767	78.346	78.293	78.512	78.589	78.530	25
26	78.693	78.262	---	77.877	77.860	77.938	77.762	78.284	78.300	78.433	78.606	78.495	26
27	78.652	78.258	---	77.880	77.886	77.910	77.749	78.220	78.048	78.359	78.629	78.443	27
28	78.605	78.271	---	77.896	77.953	77.874	77.773	78.250	77.797A	78.305	78.642	78.398	28
29	78.585A		---	77.940	78.055	77.891	77.798	78.263	---	78.282	78.665	78.352	29
30	78.569E		---	77.987	78.145	77.922	77.840	78.312	---	78.271	78.681	78.290	30
31	78.550E		---		78.035		77.884	78.343		78.299		78.236	31
MEAN	78.632	---	---	---	77.939	77.900	77.909	78.147	---	---	78.328	78.679	MEAN
MAX	78.718	---	---	---	78.151	78.035	78.013	78.411	---	---	78.681	78.986	MAX
MIN	78.550	---	---	---	77.719	77.613	77.749	77.834	---	---	78.027	78.236	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 78.986 ON DEC 15
MINIMUM DAILY, 77.613 ON JUN 04
MAXIMUM INSTANTANEOUS,
78.992 AT 12:48 YST ON DEC 15

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 39 24 N
LONG 135 55 02 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1952

YUKON TERRITORY

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	2.28B	1.35B	1.61B	1.35B	2.05B	65.5	31.1	13.0	7.55	6.83	4.20B	2.60B	1
2	2.26B	1.35B	1.61B	1.36B	2.10B	61.4	34.1	12.2	7.16	6.64	4.09B	2.58B	2
3	2.24B	1.35B	1.60B	1.36B	2.16B	43.9	31.4	11.4	6.81	7.60B	3.92B	2.54B	3
4	2.22B	1.36B	1.58B	1.37B	2.29B	39.5	30.2	11.5	6.69	7.40B	3.83B	2.50B	4
5	2.20B	1.37B	1.55B	1.38B	2.40B	42.3	27.9	12.2	6.99	7.20B	3.79B	2.45B	5
6	2.18B	1.38B	1.48B	1.39B	2.65B	41.4	26.4	11.9	6.83	7.18B	3.69B	2.39B	6
7	2.17B	1.40B	1.44B	1.40B	2.85B	44.0	25.5	10.8	7.19	7.18B	3.44B	2.30B	7
8	2.16B	1.42B	1.42B	1.41B	3.15B	42.4	24.5	10.3	6.88	7.10B	3.30B	2.20B	8
9	2.15B	1.45B	1.42B	1.42B	3.82A	34.7	22.6	10.2	6.45	7.00B	3.15B	2.18B	9
10	2.16B	1.48B	1.42B	1.44B	3.88	30.1	21.5	10.9	6.40	6.80B	2.97B	2.16B	10
11	2.17B	1.48B	1.42B	1.45B	4.02	27.9	20.6	11.9	6.53	6.65B	2.99B	2.15B	11
12	2.18B	1.49B	1.40B	1.47B	4.66	27.7	17.9	12.0	6.35	6.55B	3.03B	2.14B	12
13	2.19B	1.50B	1.39B	1.50B	4.93	31.4	16.1	12.3	6.31	6.35B	3.08B	2.12B	13
14	2.19B	1.51B	1.36B	1.54B	5.15	33.6	14.8	12.3	6.43	6.20B	3.10B	2.09B	14
15	2.16B	1.52B	1.34B	1.59B	5.54	33.5	14.4	12.2	6.85	6.00B	3.11B	2.02B	15
16	2.10B	1.52B	1.33B	1.61B	5.92	26.7	13.9	11.7	6.64	5.85B	3.10B	1.97B	16
17	2.05B	1.52B	1.31B	1.63B	6.03	22.6	13.9	11.8	6.25	5.79B	3.07B	1.90B	17
18	2.01B	1.53B	1.30B	1.64B	6.61	20.4	19.4	11.6	6.37	5.72B	3.00B	1.87B	18
19	1.98B	1.52B	1.28B	1.65B	7.15	18.8	19.2	11.1	6.27	5.60B	2.90B	1.86B	19
20	1.89B	1.51B	1.30B	1.67B	7.75	17.1	18.2	11.7	6.07	5.58B	2.80B	1.86B	20
21	1.81B	1.51B	1.32B	1.69B	8.53	17.0	18.1	10.4	5.87	5.50B	2.78B	1.86B	21
22	1.74B	1.52B	1.34B	1.71B	9.11	17.9	17.8	9.73	6.95	5.40B	2.79B	1.86B	22
23	1.68B	1.54B	1.36B	1.73B	8.92	18.5	17.0	9.68	10.8	5.37B	2.78B	1.87B	23
24	1.60B	1.55B	1.36B	1.75B	7.75	16.6	17.6	9.07	10.4	5.20B	2.79B	1.85B	24
25	1.50B	1.56B	1.36B	1.80B	7.05	16.7	17.5	9.22	8.61	5.15B	2.80B	1.80B	25
26	1.48B	1.58B	1.36B	1.85B	7.13	23.1	15.7	8.92	7.88	5.02B	2.80B	1.72B	26
27	1.44B	1.60B	1.36B	1.95B	8.82	34.6	13.8	9.02	7.23	4.85B	2.74B	1.69B	27
28	1.42B	1.61B	1.36B	1.95B	14.4	29.0	12.9	9.84	7.57	4.68B	2.69B	1.64B	28
29	1.43B		1.35B	1.99B	19.5	26.9	13.6	9.75	8.05	4.58B	2.64B	1.60B	29
30	1.40B		1.35B	2.01B	20.9	30.6	14.1	8.60	7.29	4.45B	2.63B	1.59B	30
31	1.37B		1.35B		28.8		14.8	7.96		4.30B		1.58B	31
TOTAL	59.81	41.48	43.43	48.03	225.92	935.8	616.5	335.19	213.67	185.79	93.99	62.94	TOT
MEAN	1.93	1.48	1.40	1.60	7.29	31.2	19.9	10.8	7.12	5.99	3.13	2.03	MEA
MAX	2.28	1.61	1.61	2.01	28.8	65.5	34.1	13.0	10.8	7.60	4.20	2.60	MAX
MIN	1.37	1.35	1.28	1.35	2.05	16.6	12.9	7.96	5.87	4.30	2.63	1.58	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.84
MAXIMUM DAILY, 65.5 ON JUN 01
MINIMUM DAILY, 1.28B ON MAR 19
MAXIMUM INSTANTANEOUS,
74.8 AT 17:22 YST ON JUN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 05 N
LONG 134 53 45 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 170	JUL	53 300
FEB	3 580	AUG	29 000
MAR	3 750	SEP	18 500
APR	4 150	OCT	16 100
MAY	19 500	NOV	8 120
JUN	80 900	DEC	5 440

TOTAL DISCHARGE, 248 000 dam³

WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DI
1	18.8B	13.8B	16.8B	18.1B	41.5B	255	564	294	164	61.3	32.8B	20.2B	
2	18.6B	13.9B	17.0B	17.9B	44.5B	355	540	307	147	60.7	31.9B	20.1B	
3	18.5B	14.2B	17.2B	17.8B	48.0B	321	552	308	139	60.2	31.8B	20.1B	
4	18.5B	14.5B	17.3B	17.8B	51.0B	290	553	334	167	59.1	31.8B	20.1B	
5	18.5B	14.6B	17.3B	17.7B	53.0B	331	544	316	163	57.1	31.9B	20.2B	
6	18.6B	14.6B	17.1B	17.8B	55.7	364	558	290	193	57.9	31.9B	20.5B	
7	18.6B	14.5B	16.8B	17.8B	64.7	403	552	248	199	57.1	31.5B	20.6B	
8	18.6B	14.5B	16.4B	17.8B	77.9	353	464	234	180	57.4	30.2B	20.6B	
9	18.7B	14.6B	16.1B	17.9B	92.7	346	369	246	192	57.2	28.3B	20.5B	
10	18.7B	14.8B	16.0B	18.0B	85.9	304	291	329	218	56.0	26.2B	20.6B	1
11	18.7B	15.2B	15.8B	18.1B	88.3	297	281	448	225	56.7	24.2B	20.7B	1
12	18.8B	15.5B	15.9B	18.5B	101	314	256	662	221	56.9	22.6B	20.7B	1
13	18.9B	15.8B	16.0B	18.9B	100	348	248	838	219	56.2	21.1B	20.5B	1
14	19.0B	15.9B	16.2B	19.5B	95.9	345	268	825	200	55.4	20.3B	20.0B	1
15	19.1B	15.9B	16.3B	20.0B	93.7	366	288	767	167	54.7	19.9B	19.8B	1
16	19.3B	15.8B	16.4B	20.5B	98.8	328	304	729	125	53.8	19.8B	19.8B	1
17	19.5B	15.6B	16.4B	21.0B	110	283	323	630	107	51.9	19.9B	20.0B	1
18	19.6B	15.3B	16.3B	21.3B	106	257	343	459	99.6	49.0B	20.2B	20.1B	1
19	19.7B	15.0B	16.2B	21.4B	117	274	361	422	93.7	45.5B	20.7B	20.2B	1
20	19.9B	15.0B	16.1B	21.5B	124	272	448	384	86.8	43.0B	21.0B	20.1B	2
21	19.8B	15.2B	16.1B	21.6B	138	255	533	278	91.3	41.0B	21.3B	20.0B	2
22	19.7B	15.3B	16.1B	21.8B	113	263	589	253	89.6	40.0B	21.5B	19.9B	2
23	19.4B	15.5B	16.2B	22.2B	86.9	256	611	264	88.6	39.8B	21.6B	19.6B	2
24	19.1B	15.7B	16.3B	22.6B	91.3	286	600	289	85.6	39.8B	21.6B	19.1B	2
25	18.5B	16.3B	16.5B	22.9B	102	290	517	273	80.9	39.8B	21.6B	18.8B	2
26	17.8B	16.8B	17.0B	23.4B	113	316	372	300	72.3	39.5B	21.7B	18.6B	2
27	16.8B	16.9B	17.4B	24.5B	130	414	309	357	68.5	38.8B	21.6B	18.5B	2
28	16.0B	16.8B	17.9B	27.5B	137	534	314	415	67.2	37.6B	21.3B	18.5B	2
29	15.1B		18.3B	33.0B	157	561	355	298	65.9	36.4B	20.8B	18.5B	2
30	14.5B		18.2B	37.0B	171	584	381	222	63.3	35.0B	20.4B	18.5B	3
31	13.9B		18.2B		209		312	183		34.2B		18.5B	
TOTAL	569.2	427.5	517.9	635.8	3 097.8	10 165	13 020	12 202	4 076.3	1 529.0	731.4	613.9	TO
MEAN	18.4	15.3	16.7	21.2	99.9	339	420	394	136	49.3	24.4	19.8	ME
MAX	19.9	16.9	18.3	37.0	209	584	611	838	225	61.3	32.8	20.7	MA
MIN	13.9	13.8	15.8	17.7	41.5	255	248	183	63.3	34.2	19.8	18.5	MI

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 838 ON AUG 13
MINIMUM DAILY, 13.8B ON FEB 01
MAXIMUM INSTANTANEOUS,
906 AT 14:31 YST ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 12 N
LONG 140 33 11 W
DRAINAGE AREA, 6 240 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 200	JUL	1 120 000
FEB	36 900	AUG	1 050 000
MAR	44 700	SEP	352 000
APR	54 900	OCT	132 000
MAY	268 000	NOV	63 200
JUN	878 000	DEC	53 000

TOTAL DISCHARGE, 4 100 000 dam³

YUKON TERRITORY

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.49B	1.97B	1.69B	1.78B	5.25B	103	59.0 E	72.0E	60.0	20.0	5.87B	3.81B	1
2	2.48B	1.95B	1.69B	1.80B	5.90B	82.3	53.3 A	140 E	54.5	18.5	5.73B	3.77B	2
3	2.47B	1.94B	1.68B	1.82B	6.40B	68.9	44.4 A	255 A	55.0	16.9	5.60B	3.73B	3
4	2.46B	1.92B	1.68B	1.83B	7.45B	60.1	39.0 E	175	51.2	15.4	5.48B	3.69B	4
5	2.45B	1.91B	1.67B	1.88B	8.40B	103	35.0 E	121	51.8	14.0 B	5.38B	3.65B	5
6	2.44B	1.89B	1.67B	1.91B	9.80B	180	32.6 E	91.6	51.8	13.1 B	5.28B	3.62B	6
7	2.43B	1.87B	1.67B	1.94B	11.1 B	146	30.0 E	75.0	50.7	12.7 B	5.18B	3.59B	7
8	2.41B	1.86B	1.67B	1.99B	13.8 B	106	32.0 E	66.9	58.2	12.3 B	5.07B	3.56B	8
9	2.40B	1.85B	1.66B	2.01B	14.6 B	77.9	39.0 E	60.0	72.0	11.8 B	4.99B	3.53B	9
10	2.38B	1.84B	1.66B	2.07B	17.0 B	65.6	48.0 E	54.8	65.8	11.4 B	4.92B	3.50B	10
11	2.36B	1.83B	1.66B	2.11B	20.0 B	61.5	60.0 E	50.5	55.4	11.0 B	4.83B	3.48B	11
12	2.34B	1.82B	1.66B	2.18B	24.8 B	56.2	78.0 E	45.5	47.6	10.5 B	4.74B	3.46B	12
13	2.32B	1.81B	1.65B	2.22B	30.0 B	49.8	74.0 E	43.8A	41.2A	10.1 B	4.68B	3.44B	13
14	2.30B	1.80B	1.65B	2.29B	41.0 B	44.8	69.0 E	42.0E	44.0E	9.80B	4.61B	3.42B	14
15	2.28B	1.79B	1.65B	2.36B	54.0 B	63.4	64.0 E	40.0E	50.0E	9.45B	4.54B	3.40B	15
16	2.25B	1.78B	1.65B	2.42B	88.0 B	109	58.0 E	38.0E	45.0E	9.15B	4.47B	3.38B	16
17	2.22B	1.77B	1.65B	2.51B	230 B	170	53.0 E	37.0E	41.0E	8.85B	4.42B	3.36B	17
18	2.20B	1.76B	1.65B	2.60B	260 B	194	49.0 E	35.0E	24.0A	8.55B	4.36B	3.34B	18
19	2.18B	1.75B	1.65B	2.70B	230 B	161	42.0 E	34.0E	22.8	8.30B	4.30B	3.32B	19
20	2.16B	1.75B	1.64B	2.80B	206 E	133	30.0 E	43.6A	21.6	8.05B	4.25B	3.30B	20
21	2.14B	1.74B	1.65B	2.92B	180 E	106	17.0 E	123	20.4	7.84B	4.20B	3.28B	21
22	2.12B	1.73B	1.65B	3.06B	160 E	102	11.0 E	204	19.7	7.62B	4.15B	3.26B	22
23	2.10B	1.73B	1.66B	3.20B	180 E	138	5.80E	161	20.5	7.40B	4.10B	3.24B	23
24	2.09B	1.72B	1.66B	3.36B	130 E	135	8.00E	125	22.2	7.20B	4.05B	3.22B	24
25	2.08B	1.72B	1.67B	3.52B	145 E	111	15.0 E	96.4	27.2	7.00B	4.00B	3.20B	25
26	2.06B	1.71B	1.68B	3.74B	170 E	88.9	58.0 E	81.4	29.5	6.80B	3.97B	3.18B	26
27	2.04B	1.70B	1.69B	3.95B	210 E	66.0	50.0 E	77.3	27.7	6.60B	3.94B	3.16B	27
28	2.02B	1.70B	1.70B	4.10B	182 A	53.2	43.0 E	86.8	25.0	6.45B	3.91B	3.14B	28
29	2.01B		1.72B	4.24B	156	67.1A	39.0 E	82.6	23.5	6.28B	3.88B	3.12B	29
30	1.99B		1.73B	4.78B	142	64.5E	35.5 E	76.9	22.3	6.12B	3.85B	3.10B	30
31	1.98B		1.75B		128		40.0 E	69.1		6.00B		3.08B	31
TOTAL	69.65	50.61	51.81	80.11	3 068.50	2 977.4	1 311.60	2 704.2	1 190.6	315.16	138.75	105.33	TOTAL
MEAN	2.25	1.81	1.67	2.67	99.0	99.2	42.3	87.2	39.7	10.2	4.63	3.40	MEAN
MAX	2.49	1.97	1.75	4.78	260	194	78.0	255	72.0	20.0	5.87	3.81	MAX
MIN	1.98	1.70	1.64	1.78	5.25	44.8	5.80	34.0	19.7	6.00	3.85	3.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.0
MAXIMUM DAILY, 260B ON MAY 18
MINIMUM DAILY, 1.64B ON MAR 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 25 38 N
LONG 138 24 10 W
DRAINAGE AREA, 6 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 020	JUL	113 000
FEB	4 370	AUG	234 000
MAR	4 480	SEP	103 000
APR	6 920	OCT	27 200
MAY	265 000	NOV	12 000
JUN	257 000	DEC	9 100

TOTAL DISCHARGE, 1 040 000 dam³

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	198B	198B	191B	172	174	214	538	628	676	590E	350E	212	1
2	198B	197B	190B	172	173	223	545	631	676	585E	345E	211	2
3	198B	195B	189B	172	172	231	553	632	678	583E	335E	211	3
4	198B	195B	188B	174	174	240	559	634	677	570E	330E	210	4
5	198B	195B	187B	172	174	250	568	635	675	570E	320E	207	5
6	198B	195B	186B	171	173	258	572	636	672	565E	310E	206	6
7	198B	195B	184B	170	172	269	579	638	672	560E	300E	205	7
8	197B	195B	183B	171	172	280	589	639	667	555E	290E	203	8
9	197B	195B	182B	172	171	293	596	640	669	550E	280E	202	9
10	196B	195B	182B	171	171	305	599	641	668	545E	270E	201	10
11	196B	194B	182B	170	169	317	606	640	663	540E	260E	200	11
12	196B	194B	182B	170	170	332	606	638	662	535E	256E	199	12
13	196B	194B	182B	170	170	344	610	636	664	524E	252E	198	13
14	196B	194B	182B	170	172	360	614	641	660	520E	250E	196	14
15	196B	194B	182B	170	183	370	617	644	654	510E	248E	198	15
16	196B	194B	183B	171	184	387	621	648	646	505E	244A	197	16
17	197B	195B	183B	172	185	400	621	650	644	495E	238	196	17
18	198B	196B	182B	172	185	411	621	653	645A	485E	234	194	18
19	199B	197B	180B	175	184	423	623	658	642E	475E	233	193	19
20	199B	198B	179B	175	185	434	623	661	640E	460E	231	192	20
21	200B	199B	178B	176	188	444	623	659	638E	455E	227	191	21
22	200B	199B	176B	178	190	450	624	658	636E	440E	222	190	22
23	200B	199B	175B	178	191	457	623	663	625E	430E	222	189	23
24	200B	199B	175B	178	194	465	624	666	620E	420E	220	188	24
25	200B	199B	174B	178	195	476	626	668	610E	410E	219	188	25
26	200B	198B	174B	177	195	489	624	669	605E	400E	214	186B	26
27	200B	196B	173B	176	196	502	625	674	600E	390E	215	186B	27
28	200B	194B	172B	175	197	511	628	672	598E	385E	215	185B	28
29	200B		171B	175	202	520	629	675	596E	375E	214	185B	29
30	199B		171B	174	205	528	626	676	594E	365E	214	184B	30
31	199B		171B		209		627	676		360E		184B	31
TOTAL	6 143	5 488	5 589	5 197	5 706	11 183	18 739	20 181	19 372	15 161	7 758	6 087	TOTAL
MEAN	198	196	180	173	184	373	604	651	646	489	259	196	MEAN
MAX	200	199	191	178	209	528	629	676	678	590	350	212	MAX
MIN	196	194	171	170	169	214	538	628	594	360	214	184	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 347
MAXIMUM DAILY, 678 ON SEP 03
MINIMUM DAILY, 169 ON MAY 11
MAXIMUM INSTANTANEOUS,
683 AT 05:46 YST ON SEP 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 26 04 N
LONG 135 11 18 W
DRAINAGE AREA, 30 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	531 000	JUL	1 620 000
FEB	474 000	AUG	1 740 000
MAR	483 000	SEP	1 670 000
APR	449 000	OCT	1 310 000
MAY	493 000	NOV	670 000
JUN	966 000	DEC	526 000

TOTAL DISCHARGE, 10 900 000 dam³

YUKON TERRITORY

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	417B	338B	302B	324B	690B	3 180	3 740	1 720	1 700	2 020	840B	543B
2	414B	336B	301B	328B	740B	3 440	3 620	1 710	1 720	2 010	820B	536B
3	411B	334B	300B	331B	800B	3 800	3 550	1 690	1 730	2 000	852B	529B
4	408B	332B	298B	334B	905B	3 910	3 450	1 670	1 760	1 980	838B	522B
5	405B	330B	298B	338B	1 030B	3 950	3 300	1 660	1 800	1 940	850B	515B
6	402B	328B	298B	341B	1 240A	3 940	3 160	1 650	1 830	1 880	858B	510B
7	399B	326B	297B	345B	1 260	3 800	3 050	1 640	1 940	1 820	845B	505B
8	396B	324B	297B	349B	1 280	3 730	2 980	1 630	2 010	1 780	820B	500B
9	393B	323B	297B	354B	1 330	3 680	2 880	1 620	2 110	1 740	798B	495B
10	390B	322B	297B	359B	1 380	3 640	2 780	1 620	2 180	1 710	770B	490B
11	387B	320B	297B	363B	1 420	3 580	2 710	1 620	2 260	1 680	755B	486B
12	384B	319B	296B	369B	1 520	3 520	2 650	1 650	2 310	1 650	735B	483B
13	381B	318B	297B	375B	1 640	3 460	2 600	1 680	2 320	1 630	725B	480B
14	378B	317B	297B	381B	1 700	3 380	2 540	1 670	2 360	1 600	705B	475B
15	375B	316B	297B	388B	1 720	3 320	2 480	1 650	2 380	1 560	695B	470B
16	373B	314B	298B	395B	1 720	3 380	2 420	1 620	2 380	1 530	683B	466B
17	371B	313B	299B	401B	1 720	3 290	2 360	1 600	2 360	1 480	671B	462B
18	369B	312B	300B	412B	1 750	3 260	2 290	1 570	2 320	1 190B	659B	458B
19	367B	311B	301B	420B	1 800	3 250	2 240	1 550	2 290	1 340B	647B	454B
20	365B	310B	302B	430B	1 870	3 200	2 200	1 530	2 300	1 290B	635B	450B
21	362B	309B	303B	440B	1 960	3 160	2 160	1 520	2 330	1 220B	625B	446B
22	359B	308B	304B	454B	2 090	3 130	2 100	1 510	2 310	1 200B	615B	442B
23	356B	307B	305B	464B	2 200	3 110	2 050	1 510	2 260	1 180B	605B	438B
24	353B	306B	306B	482B	2 270	3 100	2 000	1 500	2 230	1 160B	595B	434B
25	350B	305B	309B	500B	2 290	3 030	1 960	1 530	2 190	1 130B	585B	430B
26	348B	304B	311B	520B	2 340	3 150	1 920	1 580	2 140	1 100B	578B	427B
27	346B	304B	313B	540B	2 410	3 470	1 890	1 610	2 090	1 060B	571B	424B
28	344B	303B	315B	570B	2 440	3 820	1 860	1 650	2 060	1 040B	564B	421B
29	342B		317B	600B	2 490	4 000	1 820	1 680	2 050	1 000B	557B	418B
30	341B		319B	635B	2 660	3 950	1 780	1 670	2 020	945B	550B	416B
31	340B		321B		2 930		1 750	1 670		900B		413B
TOTAL	11 626	8 889	9 392	12 542	53 595	104 630	78 290	50 180	63 740	45 965	21 016	14 538
MEAN	375	317	303	418	1 730	3 490	2 530	1 620	2 120	1 480	701	469
MAX	417	338	321	635	2 930	4 000	3 740	1 720	2 380	2 020	858	543
MIN	340	303	296	324	690	3 030	1 750	1 500	1 700	900	550	413

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 300
MAXIMUM DAILY, 4 000 ON JUN 29
MINIMUM DAILY, 296B ON MAR 12
MAXIMUM INSTANTANEOUS,
4 030 AT 14:53 YST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 05 02 N
LONG 139 29 40 W
DRAINAGE AREA, 150 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 000 000	JUL	6 760 000
FEB	768 000	AUG	4 340 000
MAR	811 000	SEP	5 510 000
APR	1 080 000	OCT	3 970 000
MAY	4 630 000	NOV	1 820 000
JUN	9 040 000	DEC	1 260 000

TOTAL DISCHARGE, 41 000 000 dam³

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	379B	335B	306B	295B	428	1 510	1 900	1 300	1 050	1 040	664	405B
2	378B	331B	307B	295B	436	1 660	1 890	1 290	1 040	1 030	631	400B
3	378B	330B	306B	295B	433	1 620	1 890	1 270	1 030	1 020	600B	395B
4	377B	328B	305B	295B	433	1 620	1 890	1 250	1 040	1 010	590B	390B
5	376B	325B	304B	295B	433	1 670	1 890	1 240	1 110	996	590B	385B
6	374B	323B	308B	295B	433	1 780	1 860	1 230	1 160	982	598B	380B
7	372B	321B	302B	295B	433	1 880	1 840	1 210	1 130	989	602B	375B
8	372B	320B	301B	295B	426	1 940	1 810	1 200	1 130	995	604B	370B
9	372B	319B	300B	295B	439	1 980	1 790	1 190	1 120	999	602B	365B
10	372B	318B	300B	295B	468	2 000	1 770	1 170	1 110	993	600B	360B
11	372B	317B	299B	296B	505	2 010	1 750	1 160	1 100	978	590B	355B
12	372B	317B	298B	297B	527	2 010	1 730	1 150	1 090	967	575B	351B
13	372B	316B	298B	298B	540	2 020	1 700	1 130	1 090	966	560B	350B
14	372B	316B	298B	300B	554	2 030	1 680	1 120	1 080	961	545B	348B
15	372B	315B	296B	305B	576	2 040	1 650	1 110	1 070	948	535B	345B
16	372B	313B	295B	308B	604	2 030	1 620	1 100	1 060	931	520B	343B
17	372B	312B	294B	310B	641	2 020	1 600	1 090	1 050	929	510B	341B
18	372B	311B	293B	312B	675	2 000	1 570	1 080	1 040	912	500B	340B
19	372B	310B	292B	315B	721	1 990	1 550	1 080	1 040	892	495B	340B
20	372B	310B	292B	320B	762	1 970	1 520	1 080	1 040	853	485B	340B
21	372B	310B	292B	325B	798	1 940	1 500	1 080	1 040	862	475B	340B
22	370B	310B	292B	330B	846	1 920	1 480	1 070	1 030	880	470B	340B
23	370B	310B	292B	335B	904	1 900	1 460	1 060	1 030	866	465B	340B
24	369B	310B	293B	340B	924	1 880	1 430	1 050	1 040	849	460B	340B
25	365B	310B	294B	350B	953	1 970	1 410	1 040	1 030	835	450B	340B
26	360B	310B	294B	360B	989	2 020	1 400	1 040	1 020	813	440B	340B
27	355B	309B	295B	375B	1 020	1 950	1 380	1 040	1 020	781	435B	340B
28	350B	309B	295B	390B	1 090	1 920	1 350	1 040	1 010	762	425B	340B
29	345B		295B	404B	1 190	1 900	1 340	1 050	1 010	744	420B	340B
30	340B		295B	416	1 290	1 890	1 320	1 080	1 030	718	410B	340B
31	338B		295B		1 350		1 310	1 060		692		340B
TOTAL	11 404	8 865	9 228	9 636	21 821	57 070	50 280	35 060	31 840	28 193	15 846	11 018
MEAN	368	317	298	321	704	1 900	1 620	1 130	1 060	909	528	355
MAX	379	335	308	416	1 350	2 040	1 900	1 300	1 160	1 040	664	405
MIN	338	309	292	295	426	1 510	1 310	1 040	1 010	692	410	340

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 795
MAXIMUM DAILY, 2 040 ON JUN 15
MINIMUM DAILY, 292B ON MAR 19
MAXIMUM INSTANTANEOUS,
2 050 AT 02:05 YST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 05 45 N
LONG 136 16 18 W
DRAINAGE AREA, 81 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	985 000	JUL	4 340 000
FEB	766 000	AUG	3 030 000
MAR	797 000	SEP	2 750 000
APR	833 000	OCT	2 440 000
MAY	1 890 000	NOV	1 370 000
JUN	4 930 000	DEC	952 000

TOTAL DISCHARGE, 25 100 000 dam³

YUKON TERRITORY

YUKON RIVER AT DAWSON - STATION NO. 09EB001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	2.064	3.516	3.742	2.216	2.239	2.642	0.880A	---	1
2	---	---	---	---	2.082	3.760	3.624	2.161	2.162	2.610	---	---	2
3	---	---	---	---	1.646	4.041	3.577	2.102	2.153	2.514	---	---	3
4	---	---	---	---	1.822	4.248	3.486	2.098	2.156	2.436	---	---	4
5	---	---	---	---	1.804	4.320	3.420	2.127	2.179	2.346	---	---	5
6	---	---	---	---	1.813	4.214	3.358	2.141	2.262	2.230	---	---	6
7	---	---	---	---	1.839	3.954	3.285	2.144	2.353	2.122	---	---	7
8	---	---	---	---	1.806	3.763A	3.228	2.141	2.426	2.043	---	---	8
9	---	---	---	---	1.829	---	3.187	2.120	2.499	1.966	---	---	9
10	---	---	---	---	1.890	---	3.099	2.093	2.730	1.881	---	---	10
11	---	---	---	0.769A	1.930	---	2.974	2.096	3.126A	1.810	---	---	11
12	---	---	---	0.780	1.973	---	2.838	2.160	---	1.768	---	---	12
13	---	0.773A	---	0.784	2.052	---	2.768	2.240	---	1.742	---	---	13
14	---	---	---	0.813	2.124	3.313A	2.668	2.330	---	1.669	---	---	14
15	---	---	---	0.835	2.166	3.348	2.584	2.471	---	1.598	---	---	15
16	---	---	---	0.852	2.170	3.447	2.536	2.578	---	1.535	---	---	16
17	---	---	---	0.864	2.166	3.437	2.489	2.607	---	1.480	---	---	17
18	---	---	---	0.901	2.197	3.323	2.436	2.552	---	1.424	---	---	18
19	---	---	---	0.955	2.258	3.288	2.392	2.419	2.630A	1.344	---	---	19
20	---	---	---	1.028	2.334	3.309	2.377	2.288	2.708A	1.209	---	---	20
21	---	---	---	1.119	2.437	3.343	2.372	2.223	2.705	1.140	---	---	21
22	---	---	---	1.215	2.579	3.325	2.385	2.190	2.653	1.037	---	---	22
23	---	---	---	1.326	2.828	3.308	2.417	2.141	2.597	1.008	---	---	23
24	---	---	---	1.427	2.809	3.252	2.447	2.096	2.563	0.998	---	---	24
25	---	---	---	1.541	2.775	3.169	2.512	2.163	2.533	1.056	---	---	25
26	---	---	---	1.644	2.791	3.160	2.503	2.228	2.576	1.137	---	---	26
27	---	---	---	1.769	2.869	3.342	2.551	2.237	2.684	1.188	---	---	27
28	---	---	---	1.920	2.917	3.643	2.377	2.217	2.808	1.116	---	---	28
29	---		---	1.972	2.939	3.860	2.214	2.264	2.841	1.062	---	---	29
30	---		---	2.540	3.036	3.882	2.151	2.350	2.765	1.018	---	---	30
31	---		---		3.280		2.177	2.322		0.938		---	31
MEAN	---	---	---	---	2.298	---	2.780	2.242	---	1.615	---	---	MEAN
MAX	---	---	---	---	3.280	---	3.742	2.607	---	2.642	---	---	MAX
MIN	---	---	---	---	1.646	---	2.151	2.093	---	0.938	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.320 ON JUN 05

MAXIMUM INSTANTANEOUS,
4.512 AT 05:30 YST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 04 12 N
LONG 139 25 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
264 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 311.826 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

YUKON RIVER AT EAGLE - STATION NO. 09ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	623B	538B	510B	481B	3 370	5 890	6 770	3 790	3 910	4 640	1 610B	935B	1
2	623B	538B	510B	481B	3 290	6 320	6 400	3 850	3 770	4 420	1 590B	906B	2
3	623B	538B	510B	481B	3 510	6 850	6 170	3 650	3 710	4 300	1 560B	878B	3
4	623B	538B	510B	481B	3 650	7 390	5 980	3 540	3 710	4 220	1 500B	878B	4
5	623B	538B	510B	481B	3 990	7 870	5 830	3 570	3 710	4 050	1 470B	850B	5
6	623B	538B	510B	481B	3 770	7 990	5 690	3 600	3 850	3 880	1 440B	850B	6
7	623B	538B	510B	481B	3 310	7 650	5 550	3 620	4 080	3 650	1 420B	821B	7
8	623B	538B	510B	481B	3 260	7 080	5 410	3 710	4 190	3 510	1 390B	821B	8
9	623B	538B	510B	481B	3 290	6 800	5 350	3 740	4 250	3 430	1 360B	821B	9
10	623B	538B	510B	481B	3 460	6 740	5 270	3 620	4 420	3 290	1 330B	793B	10
11	595B	538B	510B	481B	3 600	6 490	5 100	3 570	4 980	3 170	1 300B	793B	11
12	595B	538B	510B	481B	3 740	6 200	4 870	3 570	5 550	3 060	1 270B	793B	12
13	595B	538B	510B	481B	3 820	5 860	4 640	3 650	5 690	3 000	1 250B	765B	13
14	595B	538B	510B	481B	4 050	5 780	4 500	3 740	5 580	2 970	1 220B	765B	14
15	595B	538B	510B	510B	4 190	5 860	4 330	3 910	5 490	2 860	1 190B	765B	15
16	595B	538B	510B	538B	4 190	6 150	4 220	4 110	5 380	2 710	1 160B	765B	16
17	595B	510B	510B	566B	4 190	6 320	4 110	4 160	5 130	2 630	1 130B	736B	17
18	595B	510B	510B	595B	4 190	5 830	4 020	4 160	4 900	2 490B	1 100B	736B	18
19	595B	510B	481B	651B	4 250	5 640	3 940	4 050	4 700	2 410B	1 100B	736B	19
20	595B	510B	481B	708B	4 330	5 640	3 880	3 940	4 620	2 320B	1 080B	736B	20
21	566B	510B	481B	765B	4 390	5 720	3 850	3 850	4 700	2 270B	1 080B	736B	21
22	566B	510B	481B	850B	4 730	5 780	3 850	3 910	4 640	2 180B	1 050B	708B	22
23	566B	510B	481B	1 130B	5 180	5 810	3 880	3 820	4 530	2 100B	1 050B	708B	23
24	566B	510B	481B	1 590B	5 180	5 750	3 940	3 680	4 470	2 040B	1 020B	708B	24
25	566B	510B	481B	2 270B	4 980	5 610	4 020	3 620	4 450	1 980B	1 020B	708B	25
26	566B	510B	481B	3 400B	4 930	5 440	4 130	3 740	4 450	1 930B	991B	708B	26
27	566B	510B	481B	4 300	4 930	5 490	4 130	3 820	4 500	1 870B	991B	708B	27
28	566B	510B	481B	3 600	4 980	5 950	4 080	3 790	4 700	1 810B	963B	680B	28
29	566B		481B	3 600	5 070	6 540	3 790	3 790	4 870	1 760B	963B	680B	29
30	566B		481B	3 480	5 180	6 940	3 570	3 910	4 810	1 700B	935B	680B	30
31	538B		481B		5 490		3 570	3 990		1 640B		680B	31
TOTAL	18 378	14 728	15 433	35 287	130 490	189 380	144 840	117 470	137 740	88 290	36 533	23 847	TOTAL
MEAN	593	526	498	1 180	4 210	6 310	4 670	3 790	4 590	2 850	1 220	769	MEAN
MAX	623	538	510	4 300	5 490	7 990	6 770	4 160	5 690	4 640	1 610	935	MAX
MIN	538	510	481	481	3 260	5 440	3 570	3 540	3 710	1 640	935	680	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 610
MAXIMUM DAILY, 7 990 ON JUN 06
MINIMUM DAILY, 481B ON MAR 19
MAXIMUM INSTANTANEOUS,
8 040 ON JUN 06

SUMMARY FOR THE YEAR 1990

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 47 22 N
LONG 141 11 52 W

DRAINAGE AREA, 294 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 590 000	JUL	12 500 000
FEB	1 270 000	AUG	10 100 000
MAR	1 330 000	SEP	11 900 000
APR	3 050 000	OCT	7 630 000
MAY	11 300 000	NOV	3 160 000
JUN	16 400 000	DEC	2 060 000

TOTAL DISCHARGE, 82 300 000 dam³

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	195	187	168	145	138	196	393	482	552	547	167	158	1
2	190	187	159	147	137	199	395	489	546	540	167	157	2
3	191	182	162	149	136	206	403	498	550	538	168	156	3
4	190	189	160	153	132	220	411	500	550	532	167	156	4
5	196	188	167	154	133	231	419	496	543	534	167	159	5
6	198	188	171	159	122	253	434	492	554	536	169	155	6
7	199	188	173	157	129	258	435	499	546	528	167	158	7
8	192	187	168	152	129	279	440	505	547	528	152	156	8
9	190	187	171	153	129	287	445	505	549	515	147	154	9
10	189	182	168	153	125	300	454	504	545	510	151	155	10
11	190	174	168	.9	127	311	455	502	541	514	141	156	11
12	189	170	160	147	131	313	457	504	543	504	138	154	12
13	189	175	161	151	133	324	453	513	538	503	148	154	13
14	191	170	156	147	134	331	455	513	546	500	173	152	14
15	193	168	156	146	136	335	454	519	534	495	157	151	15
16	186	171	158	144	138	343	452	524	531	480	159	157	16
17	189	168	153	144	140	351	456	527	534	449	160	151	17
18	193	168	154	143	141	362	455	534	530	430	158	155	18
19	192	169	152	144	133	363	459	539	529	426	163	155	19
20	194	163	144	148	141	364	457	546	492	425	160	152	20
21	191	166	152	145	147	368	459	547	525	414	159	152	21
22	192	160	149	142	150	366	469	533	527	408	161	153	22
23	191	163	149	135	149	372	472	547	524	376	158	152	23
24	191	163	147	137	151	369	470	540	535	363	159	153	24
25	191	162	147	134	157	392	473	528	537	297	159	152	25
26	189	163	145	138	157	385	476	535	541	245	157	150	26
27	188	163	146	132	157	385	478	546	551	224	160	150	27
28	189	166	148	130	160	383	482	559	552	233	157	151	28
29	188		149	128	165	387	479	552	551	213	160	150	29
30	188		147	131	171	388	480	545	552	160	154	151	30
31	188		146		178		480	549		170		149	31
TOTAL	5 922	4 867	4 854	4 337	4 406	9 621	14 000	16 172	16 195	13 137	4 773	4 764	TOTAL
MEAN	191	174	157	145	142	321	452	522	540	424	159	154	MEAN
MAX	199	189	173	159	178	392	482	559	554	547	173	159	MAX
MIN	186	160	144	128	122	196	393	482	492	160	138	149	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 282
MAXIMUM DAILY, 559 ON AUG 28
MINIMUM DAILY, 122 ON MAY 06

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 60 42 50 N
LONG 135 02 35 W
DRAINAGE AREA, 19 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	512 000	JUL	1 210 000
FEB	421 000	AUG	1 400 000
MAR	419 000	SEP	1 400 000
APR	375 000	OCT	1 140 000
MAY	381 000	NOV	412 000
JUN	831 000	DEC	412 000

TOTAL DISCHARGE, 8 910 000 dam³

DATA CONTRIBUTED BY -
THE YUKON ELECTRICAL COMPANY LTD.

REGULATED SINCE 1926

ACASTA RIVER ABOVE LITTLE CRAPEAU LAKE - STATION NO. 10JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.09	1.97B	1.38	0.887	0.507	12.6	40.1A	10.2 A	6.08A	6.35	5.27	2.60	1
2	3.02	1.96B	1.36	0.861	0.504	14.0	38.1A	9.61A	6.08A	6.39	5.03	2.60	2
3	2.99	1.93B	1.35	0.845	0.494	19.2	36.6A	9.33A	6.00A	6.39	4.88	2.59	3
4	2.96	1.92B	1.34	0.819	0.483	32.2	35.3A	9.14A	6.02	6.38	4.79	2.53	4
5	2.91	1.91B	1.32	0.817	0.474	43.1	34.0A	9.02A	5.94	6.38	4.71	2.46	5
6	2.84	1.90B	1.29	0.827	0.477	50.8	32.7A	8.76A	5.83	6.39	4.63	2.44	6
7	2.80	1.88B	1.28	0.789	0.504	56.3	31.5A	8.66A	5.90	6.37	4.49	2.43	7
8	2.73	1.87B	1.28	0.764	0.510	60.7	29.7	8.26A	5.85	6.43	4.35	2.43	8
9	2.69	1.86B	1.26	0.744	0.512	65.0	28.5	8.07A	5.73	6.57	4.17	2.42	9
10	2.66	1.82B	1.24	0.758	0.510	68.3	26.9	7.82	5.76	6.65	3.96	2.42	10
11	2.60	1.79B	1.21	0.752	0.508	69.9	25.4	7.58	5.80	6.40	3.82	2.39	11
12	2.57	1.78B	1.19	0.715	0.514	70.1	24.0	7.48A	5.68	6.27	3.68	2.22	12
13	2.53	1.76B	1.17	0.704	0.525	69.7	23.1	7.55	5.64	6.24	3.55	2.15	13
14	2.50	1.74B	1.13	0.686	0.534	68.7	22.4	7.19	5.96	6.23	3.54	2.12	14
15	2.48	1.71B	1.11	0.682	0.538	67.5	22.0	7.06	5.71A	6.20	3.55	2.02	15
16	2.45	1.70B	1.09	0.660	0.532	66.2	21.1A	6.86	5.66	6.08	3.70	1.96	16
17	2.43	1.69B	1.07	0.658	0.526	64.6	20.0	6.80	5.69	6.07	3.76	1.93	17
18	2.36	1.66	1.06	0.616	0.505	62.7	18.8A	6.79	5.63	6.09	3.71	1.92	18
19	2.32	1.63	1.03	0.586	0.493	60.6A	17.7	6.81	5.63	6.10	3.61	1.93	19
20	2.31	1.63	1.01	0.592	0.488	58.5	17.1	6.83	5.65	6.10	3.41	1.93A	20
21	2.31	1.62	1.01	0.585	0.463	56.7A	16.4	6.71	5.67	6.02	3.09	1.77E	21
22	2.29	1.59	0.986	0.577	0.386	54.7A	15.4	6.54	5.69	5.94	3.01	1.61A	22
23	2.25	1.55	0.980	0.569	0.366	52.9	14.4	6.51	5.57	5.85	2.90	1.49	23
24	2.17	1.52	0.957	0.558	0.374	51.2A	14.0	6.46	5.56	5.81	2.78	1.44	24
25	2.15A	1.53	0.939	0.540	0.452	49.0	13.5	6.44	6.01	5.76	2.67	1.43	25
26	2.12E	1.50	0.929	0.527	0.736	47.2	12.9A	6.33A	6.19	5.73	2.61	1.40	26
27	2.09E	1.47	0.926	0.522	1.84	46.0A	12.4	6.22	6.23	5.42	2.62	1.33	27
28	2.05E	1.45	0.936	0.524	4.57	44.0	12.2A	6.21	6.31	5.06	2.61	1.32	28
29	2.02A		0.910	0.533	9.71	42.5	11.6	6.20	6.35	5.00	2.60	1.22	29
30	1.99B		0.902	0.531	12.5	41.5A	11.2A	6.16A	6.35	5.07	2.59	1.21	30
31	1.98B		0.892		12.8		10.8A	6.04A		5.23		1.13	31
TOTAL	76.66	48.34	34.537	20.236	54.335	1 566.0	689.8	229.64	175.87	186.98	110.09	60.94	TOTAL
MEAN	2.47	1.73	1.11	0.675	1.75	52.2	22.3	7.41	5.86	6.03	3.67	1.97	MEAN
MAX	3.09	1.97	1.38	0.887	12.8	70.1	40.1	10.2	6.35	6.65	5.27	2.60	MAX
MIN	1.98	1.45	0.892	0.522	0.366	12.6	10.8	6.04	5.56	5.00	2.59	1.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.91
MAXIMUM DAILY, 70.1 ON JUN 12
MINIMUM DAILY, 0.366 ON MAY 23
MAXIMUM INSTANTANEOUS,
70.3 AT 20:31 MST ON JUN 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 52 30 N
LONG 116 08 19 W

DRAINAGE AREA, 2 280 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 620	JUL	59 600
FEB	4 180	AUG	19 800
MAR	2 980	SEP	15 200
APR	1 750	OCT	16 200
MAY	4 690	NOV	9 510
JUN	135 000	DEC	5 270

TOTAL DISCHARGE, 281 000 dam³

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 06MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	0.312	0.469	0.241	0.187E	0B	0B	1
2	0B	0B	0B	0B	0B	0 B	0.316	0.438	0.243	0.180E	0B	0B	2
3	0B	0B	0B	0B	0B	0 B	0.314	0.418	0.259	0.170E	0B	0B	3
4	0B	0B	0B	0B	0B	0 B	0.320	0.365	0.258	0.162E	0B	0B	4
5	0B	0B	0B	0B	0B	3.27 B	0.302	0.366	0.252	0.153E	0B	0B	5
6	0B	0B	0B	0B	0B	2.00 B	0.280	0.367	0.250	0.145B	0B	0B	6
7	0B	0B	0B	0B	0B	1.80 B	0.284	0.365	0.251	0.137B	0B	0B	7
8	0B	0B	0B	0B	0B	1.64 B	0.278	0.357	0.243	0.130B	0B	0B	8
9	0B	0B	0B	0B	0B	1.47	0.262	0.332	0.237	0.123B	0B	0B	9
10	0B	0B	0B	0B	0B	1.55	0.261	0.301	0.237	0.115B	0B	0B	10
11	0B	0B	0B	0B	0B	2.04	0.249	0.280	0.237	0.098B	0B	0B	11
12	0B	0B	0B	0B	0B	5.73	0.239	0.257	0.214	0.075B	0B	0B	12
13	0B	0B	0B	0B	0B	4.36	0.228	0.236	0.208	0.058B	0B	0B	13
14	0B	0B	0B	0B	0B	1.47	0.202	0.217	0.199	0.046B	0B	0B	14
15	0B	0B	0B	0B	0B	0.976	0.186	0.219	0.198	0.035B	0B	0B	15
16	0B	0B	0B	0B	0B	0.779	0.200	0.213	0.205	0.027B	0B	0B	16
17	0B	0B	0B	0B	0B	0.670	0.222	0.186	0.217	0.021B	0B	0B	17
18	0B	0B	0B	0B	0B	0.589	0.276	0.172	0.251	0.013B	0B	0B	18
19	0B	0B	0B	0B	0B	0.554	0.348	0.170	0.231	0.006B	0B	0B	19
20	0B	0B	0B	0B	0B	0.521	0.364	0.172	0.216	0 B	0B	0B	20
21	0B	0B	0B	0B	0B	0.480	0.364	0.212	0.226	0 B	0B	0B	21
22	0B	0B	0B	0B	0B	0.428	0.354	0.205	0.226	0 B	0B	0B	22
23	0B	0B	0B	0B	0B	0.391	0.357	0.206	0.234	0 B	0B	0B	23
24	0B	0B	0B	0B	0B	0.380	0.350	0.203	0.224	0 B	0B	0B	24
25	0B	0B	0B	0B	0B	0.355	0.338	0.205	0.218A	0 B	0B	0B	25
26	0B	0B	0B	0B	0B	0.342	0.339	0.212	0.211E	0 B	0B	0B	26
27	0B	0B	0B	0B	0B	0.318	0.321	0.215	0.207E	0 B	0B	0B	27
28	0B	0B	0B	0B	0B	0.293	0.370	0.218	0.203E	0 B	0B	0B	28
29	0B		0B	0B	0B	0.289	0.506	0.219	0.200E	0 B	0B	0B	29
30	0B		0B	0B	0B	0.299	0.527	0.230	0.197E	0 B	0B	0B	30
31	0B		0B		0B		0.501	0.237		0 B		0B	31
TOTAL	0	0	0	0	0	27.994	9.760	8.302	6.793	1.881	0	0	TOTAL
MEAN	0	0	0	0	0	0.933	0.315	0.268	0.226	0.061	0	0	MEAN
MAX	0	0	0	0	0	3.27	0.527	0.469	0.259	0.187	0	0	MAX
MIN	0	0	0	0	0	0	0.186	0.170	0.197	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.150
MAXIMUM DAILY, 3.27B ON JUN 05
MINIMUM DAILY, 0B ON JAN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - MANUAL
LOCATION - LAT 64 18 57 N
LONG 095 58 23 W

DRAINAGE AREA, 15 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	843
FEB	0	AUG	717
MAR	0	SEP	587
APR	0	OCT	163
MAY	0	NOV	0
JUN	2 420	DEC	0

TOTAL DISCHARGE, 4 730 dam³

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	18.4B	14.9B	12.2B	10.2 B	10.0B	1 060	390	212	99.2	73.9	32.2B	19.2B	1
2	18.3B	14.8B	12.1B	10.2 B	10.4B	952	377	204	97.6	72.6	31.4B	18.8B	2
3	18.2B	14.7B	12.0B	10.1 B	10.7B	854	364	198	96.9	64.0B	30.9B	18.6B	3
4	18.0B	14.6B	11.9B	10.1 B	11.0B	787	349	192	94.2	58.0B	30.2B	18.4B	4
5	17.9B	14.5B	11.8B	10.0 B	11.3B	678	334	186	92.8	53.5B	29.7B	18.1B	5
6	17.8B	14.4B	11.8B	10.0 B	11.6B	598	321	181	91.6	54.0B	29.2B	17.8B	6
7	17.7B	14.3B	11.7B	10.0 B	12.0B	557	309	176	91.7	59.0B	28.7B	17.6B	7
8	17.7B	14.2B	11.6B	9.95B	12.3B	531	299	171	90.2	64.0B	28.0B	17.3B	8
9	17.5B	14.1B	11.6B	9.90B	12.6B	504	288	166	88.5	65.8B	27.4B	17.0B	9
10	17.4B	14.0B	11.5B	9.85B	12.9B	489	277	161	88.4	65.5B	26.9B	16.9B	10
11	17.3B	13.9B	11.4B	9.82B	13.2B	482	279	156	86.3	64.5B	26.4B	16.7B	11
12	17.1B	13.8B	11.4B	9.80B	13.3B	480	308	151	84.8	63.0B	26.0B	16.6B	12
13	17.0B	13.7B	11.3B	9.77B	13.4B	474	345	147	84.8	61.0B	25.6B	16.3B	13
14	16.9B	13.6B	11.2B	9.72B	13.5B	466	397	143	84.6	58.2B	25.0B	16.2B	14
15	16.8B	13.5B	11.2B	9.68B	13.5B	460	438	139	83.4	57.2B	24.7B	16.0B	15
16	16.7B	13.4B	11.1B	9.64B	13.4B	449	446	135	81.9	55.5B	24.3B	15.8B	16
17	16.6B	13.3B	11.0B	9.60B	13.4B	434	440	132	80.9	53.5B	24.0B	15.6B	17
18	16.5B	13.2B	10.9B	9.58B	13.3B	428	418	129	79.1	51.5B	23.6B	15.4B	18
19	16.4B	13.1B	10.9B	9.56B	13.1B	427	392	125	77.2	49.5B	23.1B	15.3B	19
20	16.3B	13.0B	10.8B	9.54B	13.0B	432	371	122	76.7	47.5B	22.9B	15.1B	20
21	16.1B	12.9B	10.8B	9.52B	13.0B	442	349	118	77.1	45.6B	22.4B	14.9B	21
22	16.0B	12.8B	10.7B	9.48B	13.0B	458	328	116	77.0	43.8B	22.0B	14.7B	22
23	15.9B	12.8B	10.7B	9.45B	12.9B	466	310	113	76.7	42.0B	21.6B	14.6B	23
24	15.8B	12.7B	10.6B	9.43B	13.0B	455	295	111	76.0	40.2B	21.3B	14.4B	24
25	15.7B	12.6B	10.6B	9.45B	13.1B	437	281	108	75.8	39.0B	21.0B	14.3B	25
26	15.6B	12.5B	10.5B	9.48B	13.4B	428	267	106	76.0	37.8B	20.7B	14.2B	26
27	15.5B	12.4B	10.5B	9.55B	18.0B	426	257	105	75.9	36.5B	20.3B	14.1B	27
28	15.3B	12.3B	10.4B	9.60B	1 000 B	421	247	106	75.1	35.5B	20.0B	13.9B	28
29	15.2B		10.4B	9.70B	1 470	411	235	104	74.7	34.5B	19.8B	13.8B	29
30	15.1B		10.3B	9.84B	1 330	401	227	101	74.8	33.6B	19.5B	13.7B	30
31	15.0B		10.3B		1 210		220	101		33.0B		13.6B	31
TOTAL	517.7	380.0	345.2	292.51	5 354.3	15 887	10 158	4 415	2 509.9	1 613.2	748.8	494.9	TOT
MEAN	16.7	13.6	11.1	9.75	173	530	328	142	83.7	52.0	25.0	16.0	MEA
MAX	18.4	14.9	12.2	10.2	1 470	1 060	446	212	99.2	73.9	32.2	19.2	MAX
MIN	15.0	12.3	10.3	9.43	10.0	401	220	101	74.7	33.0	19.5	13.6	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 117
MAXIMUM DAILY, 1 470 ON MAY 29
MINIMUM DAILY, 9.43B ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 38 39 N
LONG 128 25 30 W
DRAINAGE AREA, 56 300 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 700	JUL	878 000
FEB	32 800	AUG	381 000
MAR	29 800	SEP	217 000
APR	25 300	OCT	139 000
MAY	463 000	NOV	64 700
JUN	1 370 000	DEC	42 800

TOTAL DISCHARGE, 3 690 000 dam³

ANIGAQ RIVER BELOW AUDRA LAKE - STATION NO. 06MA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0B	0B	0B	0B	0 B	0.600B	65.4	40.9	19.8	13.4	1.70 B	0.090B	1
2	0B	0B	0B	0B	0 B	2.00 B	65.3	37.2	18.5	11.4	1.65 B	0.078B	2
3	0B	0B	0B	0B	0 B	4.00 B	64.4	34.1	25.8	9.70B	1.55 B	0.024B	3
4	0B	0B	0B	0B	0 B	6.00 B	62.9	31.2	27.7	8.50B	1.45 B	0.001B	4
5	0B	0B	0B	0B	0 B	9.00 B	61.4	40.5	20.1	7.50B	1.38 B	0 B	5
6	0B	0B	0B	0B	0 B	14.2 B	59.0	35.9	19.2	6.70B	1.31 B	0 B	6
7	0B	0B	0B	0B	0 B	21.2 B	55.5	33.1	23.2	6.10B	1.25 B	0 B	7
8	0B	0B	0B	0B	0 B	32.0 B	52.4	35.5	27.7	5.70B	1.20 B	0 B	8
9	0B	0B	0B	0B	0 B	46.0 E	50.6	35.2	19.1	5.25B	1.15 B	0 B	9
10	0B	0B	0B	0B	0 B	64.5 E	48.0	32.2	21.2	4.90B	1.05 B	0 B	10
11	0B	0B	0B	0B	0 B	89.9	46.3	29.7	19.6	4.55B	1.00 B	0 B	11
12	0B	0B	0B	0B	0 B	113	46.6	27.1	14.6	4.25B	0.900B	0 B	12
13	0B	0B	0B	0B	0 B	127	42.0	26.0	10.7	4.00B	0.850B	0 B	13
14	0B	0B	0B	0B	0 B	149	31.6	28.8	12.0	3.80B	0.750B	0 B	14
15	0B	0B	0B	0B	0 B	182	31.2	29.4	13.0	3.65B	0.710B	0 B	15
16	0B	0B	0B	0B	0 B	173	27.2	23.5	13.5	3.50B	0.660B	0 B	16
17	0B	0B	0B	0B	0 B	159	24.0	22.0	11.1	3.33B	0.620B	0 B	17
18	0B	0B	0B	0B	0 B	147	27.9	20.3	10.0	3.18B	0.580B	0 B	18
19	0B	0B	0B	0B	0 B	135	39.1	24.0	18.5	3.02B	0.510B	0 B	19
20	0B	0B	0B	0B	0 B	126	39.0	20.6	17.0	2.90B	0.470B	0 B	20
21	0B	0B	0B	0B	0 B	120	38.9	28.2	15.3	2.78B	0.420B	0 B	21
22	0B	0B	0B	0B	0 B	113	36.5	20.8	15.9	2.68B	0.380B	0 B	22
23	0B	0B	0B	0B	0 B	106	38.4	18.2	16.8	2.55B	0.320B	0 B	23
24	0B	0B	0B	0B	0 B	100	39.1	18.2	9.11	2.46B	0.280B	0 B	24
25	0B	0B	0B	0B	0 B	95.0	34.4	19.7	11.4	2.37B	0.250B	0 B	25
26	0B	0B	0B	0B	0 B	89.9	28.9	20.7	16.5	2.28B	0.220B	0 B	26
27	0B	0B	0B	0B	0 B	82.1	29.9	19.9	17.3	2.19B	0.200B	0 B	27
28	0B	0B	0B	0B	0 B	76.9	26.4	18.6	17.8	2.10B	0.170B	0 B	28
29	0B		0B	0B	0.005B	70.8	25.9	20.0	18.3	2.03B	0.120B	0 B	29
30	0B		0B	0B	0.200B	75.4	40.6	20.1	18.8	1.95B	0.100B	0 B	30
31	0B		0B		0.300B		46.9	21.2		1.80B		0 B	31
TOTAL	0	0	0	0	0.505	2 529.500	1 393.7	846.8	519.51	140.52	23.200	0.193	TOT
MEAN	0	0	0	0	0.016	84.3	45.0	27.3	17.3	4.53	0.773	0.006	MEA
MAX	0	0	0	0	0.300	182	65.4	40.9	27.7	13.4	1.70	0.090	MAX
MIN	0	0	0	0	0	0.600	27.2	18.2	9.11	1.80	0.100	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.9
MAXIMUM DAILY, 182 ON JUN 15
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
189 AT 17:28 CST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 02 N
LONG 096 34 46 W
DRAINAGE AREA, 2 740 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	120 000
FEB	0	AUG	73 200
MAR	0	SEP	44 900
APR	0	OCT	12 100
MAY	43.6	NOV	2 000
JUN	219 000	DEC	16.7

TOTAL DISCHARGE, 471 000 dam³

APEX RIVER AT APEX - STATION NO. 10UH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.020B	4.62	0.835	1.00	0.383B	0B	0B	1
2	0B	0B	0B	0B	0 B	0.026B	4.34	0.828	0.987	0.345B	0B	0B	2
3	0B	0B	0B	0B	0 B	0.042B	4.21	1.39	0.916	0.317B	0B	0B	3
4	0B	0B	0B	0B	0 B	0.059B	3.63	3.28	1.01	0.284B	0B	0B	4
5	0B	0B	0B	0B	0 B	0.075B	3.34	2.39	1.79	0.263B	0B	0B	5
6	0B	0B	0B	0B	0 B	0.098B	3.22	1.86	1.78	0.243B	0B	0B	6
7	0B	0B	0B	0B	0 B	0.112B	3.62	1.61	1.61	0.224B	0B	0B	7
8	0B	0B	0B	0B	0 B	0.195B	2.62	1.94	1.45	0.210B	0B	0B	8
9	0B	0B	0B	0B	0 B	0.280B	2.91	4.14	1.30	0.190B	0B	0B	9
10	0B	0B	0B	0B	0 B	0.375B	2.71	5.24	1.26	0.170B	0B	0B	10
11	0B	0B	0B	0B	0 B	0.520B	2.39	4.68	1.27	0.150B	0B	0B	11
12	0B	0B	0B	0B	0 B	0.700B	2.34	3.94	1.34	0.133B	0B	0B	12
13	0B	0B	0B	0B	0 B	0.950B	2.38	3.22	1.39	0.117B	0B	0B	13
14	0B	0B	0B	0B	0 B	1.30 B	2.08	2.59	1.32	0.097B	0B	0B	14
15	0B	0B	0B	0B	0 B	1.75 B	1.81	2.36	1.25	0.078B	0B	0B	15
16	0B	0B	0B	0B	0 B	2.45 B	1.65	2.34	1.15	0.058B	0B	0B	16
17	0B	0B	0B	0B	0 B	3.26	1.41	2.43	1.12	0.038B	0B	0B	17
18	0B	0B	0B	0B	0 B	4.61	1.26	2.12	2.18	0.023B	0B	0B	18
19	0B	0B	0B	0B	0 B	5.70	1.13	1.78	2.49	0.010B	0B	0B	19
20	0B	0B	0B	0B	0 B	5.38	1.02	1.58	2.14	0.005B	0B	0B	20
21	0B	0B	0B	0B	0 B	4.90	0.965	1.60	1.93	0.002B	0B	0B	21
22	0B	0B	0B	0B	0 B	5.63	0.942	2.03	1.50 B	0 B	0B	0B	22
23	0B	0B	0B	0B	0 B	5.07	0.894	1.74	1.17 B	0 B	0B	0B	23
24	0B	0B	0B	0B	0 B	4.31	0.917	1.50	0.965B	0 B	0B	0B	24
25	0B	0B	0B	0B	0 B	4.93	1.06	1.38	0.820B	0 B	0B	0B	25
26	0B	0B	0B	0B	0 B	5.61	1.04	1.29	0.685B	0 B	0B	0B	26
27	0B	0B	0B	0B	0 B	6.51	0.942	1.24	0.605B	0 B	0B	0B	27
28	0B	0B	0B	0B	0 B	5.87	0.840	1.16	0.530B	0 B	0B	0B	28
29	0B		0B	0B	0 B	5.18	0.700	1.09	0.470B	0 B	0B	0B	29
30	0B		0B	0B	0.004B	4.98	0.909	1.03	0.420B	0 B	0B	0B	30
31	0B		0B		0.012B		0.894	0.970		0 B		0B	31
TOTAL	0	0	0	0	0.016	80.914	63.393	65.583	37.848	3.340	0	0	TOTAL
MEAN	0	0	0	0	0.001	2.70	2.04	2.12	1.26	0.108	0	0	MEAN
MAX	0	0	0	0	0.012	6.51	4.62	5.24	2.49	0.383	0	0	MAX
MIN	0	0	0	0	0	0.020	0.700	0.828	0.420	0	0	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.688
MAXIMUM DAILY, 6.51 ON JUN 27
MINIMUM DAILY, 0B ON JAN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 44 03 N
LONG 060 27 15 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	5 480
FEB	0	AUG	5 670
MAR	0	SEP	3 270
APR	0	OCT	289
MAY	1.38	NOV	0
JUN	6 990	DEC	0

TOTAL DISCHARGE, 21 700 dam³

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.2B	21.7B	20.4B	19.7B	20.5B	1 340	682	234	245	352	52.0B	29.4B	1
2	23.2B	21.7B	20.4B	19.7B	20.8B	1 140	608	487	234	322	50.5B	29.0B	2
3	23.1B	21.7B	20.3B	19.7B	21.1B	945	563	444	227	298	49.7B	28.8B	3
4	23.0B	21.6B	20.3B	19.7B	21.3B	766	529	364	223	275	48.2B	28.4B	4
5	23.0B	21.6B	20.3B	19.7B	22.0B	689	501	317	215	251	47.2B	28.0B	5
6	22.9B	21.5B	20.2B	19.7B	22.7B	775	476	351	208	227	46.0B	27.7B	6
7	22.9B	21.5B	20.2B	19.7B	23.4B	641	455	369	211	206	45.0B	27.4B	7
8	22.9B	21.4B	20.2B	19.7B	24.6B	512	446	345	238	195 B	44.0B	27.1B	8
9	22.8B	21.4B	20.2B	19.7B	25.9B	453	431	325	285	179 B	43.2B	26.8B	9
10	22.8B	21.3B	20.2B	19.7B	27.5B	467	425	303	290	165 B	42.2B	26.5B	10
11	22.8B	21.3B	20.1B	19.6B	29.6B	448	416	275	273	152 B	41.2B	26.2B	11
12	22.7B	21.3B	20.1B	19.6B	32.4B	417	400	255	249	143 B	40.2B	25.8B	12
13	22.7B	21.2B	20.1B	19.6B	37.2B	400	388	245	230	132 B	39.6B	25.6B	13
14	22.6B	21.1B	20.1B	19.6B	44.4B	392	374	244	219	123 B	38.9B	25.3B	14
15	22.6B	21.1B	20.1B	19.6B	53.0B	378	359	235	212	114 B	38.1B	25.0B	15
16	22.5B	21.0B	20.0B	19.6B	70.0B	410	349	219	210	107 B	37.3B	24.8B	16
17	22.5B	21.0B	20.0B	19.6B	91.0B	526	337E	207	691	100 B	36.8B	24.6B	17
18	22.4B	20.9B	20.0B	19.6B	126 B	650	312E	203	635	94.5B	36.0B	24.4B	18
19	22.4B	20.9B	20.0B	19.6B	175 B	636	291E	207	456	89.0B	35.5B	24.1B	19
20	22.3B	20.8B	20.0B	19.6B	260 B	727	272E	229	376	84.4B	35.0B	23.9B	20
21	22.2B	20.8B	20.0B	19.6B	430 B	895	256E	326	334	79.6B	34.3B	23.8B	21
22	22.1B	20.7B	19.9B	19.7B	700 B	653	244E	661	315	75.8B	33.7B	23.6B	22
23	22.1B	20.7B	19.9B	19.7B	650 B	524	230E	672	320	72.0B	33.1B	23.4B	23
24	22.0B	20.6B	19.9B	19.8B	540 B	780	217E	540	369	68.2B	32.6B	23.2B	24
25	22.0B	20.6B	19.9B	19.8B	520 B	2 630	203E	439	695	65.3B	31.9B	23.1B	25
26	22.0B	20.5B	19.8B	19.9B	600 B	2 080	194E	373	721	62.5B	31.4B	23.0B	26
27	21.9B	20.5B	19.8B	20.0B	1 000 B	1 390	187E	329	582	60.0B	31.0B	22.9B	27
28	21.9B	20.5B	19.8B	20.1B	1 550 B	1 090	180E	299	483	58.0B	30.6B	22.7B	28
29	21.8B		19.8B	20.2B	1 900 B	887	173E	275	419	56.2B	30.1B	22.6B	29
30	21.8B		19.8B	20.3B	1 700 B	779	170E	260	388	55.6B	29.9B	22.4B	30
31	21.8B		19.8B		1 620		168A	255		53.8B		22.3B	31
TOTAL	696.9	590.9	621.6	592.1	12 278.4	24 420	10 838	10 287	10 553	4 315.9	1 165.2	781.7	TOTAL
MEAN	22.5	21.1	20.1	19.7	396	814	350	332	352	139	38.8	25.2	MEAN
MAX	23.2	21.7	20.4	20.3	1 900	2 630	682	672	721	352	52.0	29.4	MAX
MIN	21.8	20.5	19.8	19.6	20.5	378	168	203	208	53.8	29.9	22.3	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 211
MAXIMUM DAILY, 2 630 ON JUN 25
MINIMUM DAILY, 19.6B ON APR 11
MAXIMUM INSTANTANEOUS
3 100 AT 19:19 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 47 19 N
LONG 133 04 46 W
DRAINAGE AREA, 18 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	60 200	JUL	936 000
FEB	51 100	AUG	889 000
MAR	53 700	SEP	912 000
APR	51 200	OCT	373 000
MAY	1 060 000	NOV	101 000
JUN	2 110 000	DEC	67 500

TOTAL DISCHARGE, 6 660 000 dam³

NORTHWEST TERRITORIES

ATITOK CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0B	0B	0B	0B	0 B	3.19B	1.78	0.145	0.161	1.64	0B	0B
2	0B	0B	0B	0B	0 B	17.1	1.54	0.136	0.171	1.42	0B	0B
3	0B	0B	0B	0B	0 B	29.0	1.33	0.137	0.197	1.39	0B	0B
4	0B	0B	0B	0B	0 B	30.9	1.23	0.145	0.185	1.20	0B	0B
5	0B	0B	0B	0B	0 B	14.3	1.08	0.144	0.175	0.910	0B	0B
6	0B	0B	0B	0B	0 B	7.28	0.930	0.145	0.182	0.927	0B	0B
7	0B	0B	0B	0B	0 B	5.14	0.831	0.138	0.257	0.682	0B	0B
8	0B	0B	0B	0B	0 B	4.52	0.718	0.128	0.242	0.552	0B	0B
9	0B	0B	0B	0B	0 B	5.84	0.632	0.124	0.228	0.462	0B	0B
10	0B	0B	0B	0B	0 B	10.6	0.558	0.119	0.199	0.474	0B	0B
11	0B	0B	0B	0B	0 B	10.5	0.545	0.111	0.157	0.328	0B	0B
12	0B	0B	0B	0B	0 B	13.2	0.480	0.108	0.152	0.265	0B	0B
13	0B	0B	0B	0B	0 B	6.86	0.456	0.103	0.155	0.199	0B	0B
14	0B	0B	0B	0B	0 B	6.43	0.373	0.092	0.161	0.175	0B	0B
15	0B	0B	0B	0B	0 B	9.50	0.324	0.088	0.201	0.122B	0B	0B
16	0B	0B	0B	0B	0 B	11.8	0.289	0.085	0.420	0.045B	0B	0B
17	0B	0B	0B	0B	0 B	12.9	0.256	0.088	1.22	0.023B	0B	0B
18	0B	0B	0B	0B	0 B	10.8	0.227	0.112	0.756	0.020B	0B	0B
19	0B	0B	0B	0B	0 B	8.17	0.207	0.098	0.618	0.010B	0B	0B
20	0B	0B	0B	0B	0 B	6.04	0.201	0.096	0.684	0.006B	0B	0B
21	0B	0B	0B	0B	0 B	4.63	0.192	0.100	0.579	0.003B	0B	0B
22	0B	0B	0B	0B	0 B	4.57	0.229	0.102	1.33	0 B	0B	0B
23	0B	0B	0B	0B	0 B	4.64	0.317	0.099	1.75	0 B	0B	0B
24	0B	0B	0B	0B	0 B	4.38	0.315	0.093	3.15	0 B	0B	0B
25	0B	0B	0B	0B	0 B	3.88	0.298	0.093	13.2	0 B	0B	0B
26	0B	0B	0B	0B	0 B	3.32	0.252	0.092	6.03	0 B	0B	0B
27	0B	0B	0B	0B	0 B	2.83	0.224	0.091	3.73	0 B	0B	0B
28	0B	0B	0B	0B	0 B	2.43	0.201	0.120	2.79	0 B	0B	0B
29	0B		0B	0B	0 B	2.62	0.165	0.129	2.84	0 B	0B	0B
30	0B		0B	0B	0.218B	2.16	0.175	0.156	2.10	0 B	0B	0B
31	0B		0B		0.788B		0.151	0.164		0 B		0B
TOTAL	0	0	0	0	1.006	259.53	16.526	3.581	44.020	10.853	0	0
MEAN	0	0	0	0	0.033	8.65	0.533	0.116	1.47	0.350	0	0
MAX	0	0	0	0	0.788	30.9	1.78	0.164	13.2	1.64	0	0
MIN	0	0	0	0	0	2.16	0.151	0.085	0.152	0	0	0

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.919
MAXIMUM DAILY, 30.9 ON JUN 04
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
51.8 AT 23:06 MST ON JUN 03

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 52 N
LONG 116 36 32 W
DRAINAGE AREA, 217 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 430
FEB	0	AUG	309
MAR	0	SEP	3 800
APR	0	OCT	938
MAY	86.9	NOV	0
JUN	22 400	DEC	0

TOTAL DISCHARGE, 29 000 dam³

BACK RIVER ABOVE HERMANN RIVER - STATION NO. 10RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	65.6B	53.1B	46.7B	42.9B	40.3B	38.4B	6 330	1 490	744	605	217B	115 B
2	65.1B	52.8B	46.5B	42.7B	40.3B	38.3B	6 250	1 440	737	592	210B	113 B
3	64.7B	52.6B	46.3B	42.6B	40.2B	38.3B	6 120	1 390	740	590	204B	111 B
4	64.2B	52.3B	46.1B	42.4B	40.2B	38.2B	5 920	1 340	745	585	200B	109 B
5	63.8B	52.0B	45.9B	42.3B	40.2B	38.1B	5 650	1 300	757	576	196B	108 B
6	63.3B	51.6B	45.8B	42.2B	40.1B	38.4B	5 330	1 260	766	556	190B	107 B
7	62.8B	51.3B	45.7B	42.2B	40.0B	38.8B	5 040	1 230	777A	539	186B	104 B
8	62.2B	50.9B	45.6B	42.1B	39.9B	39.3B	4 800	1 190	776	513B	181B	103 B
9	61.7B	50.7B	45.5B	42.1B	39.9B	39.9B	4 550	1 150	772	486B	178B	101 B
10	61.2B	50.4B	45.4B	42.0B	39.8B	40.3B	4 290	1 110	773	467B	173B	99.5B
11	60.6B	50.2B	45.2B	41.9B	39.8B	41.0B	4 060	1 080	780	445B	169B	98.0B
12	60.0B	50.0B	45.1B	41.8B	39.7B	42.1B	3 860	1 050	787	425B	166B	96.4B
13	59.4B	49.9B	44.9B	41.8B	39.7B	43.1B	3 650	1 010	761	405B	162B	95.3B
14	58.8B	49.7B	44.8B	41.7B	39.6B	44.4B	3 450	974	756	388B	158B	93.8B
15	58.2B	49.5B	44.6B	41.6B	39.6B	46.5B	3 250	946	745	373B	155B	92.5B
16	58.0B	49.2B	44.5B	41.5B	39.5B	49.1B	3 070	913	737	357B	152B	91.3B
17	57.7B	49.0B	44.4B	41.4B	39.4B	58.0B	2 890	890	734	344B	149B	90.0B
18	57.5B	48.7B	44.3B	41.2B	39.4B	90.0B	2 700	858	715	332B	147B	89.3B
19	57.2B	48.5B	44.2B	41.1B	39.3B	132 B	2 530	855	698	320B	143B	88.0B
20	57.0B	48.2B	44.1B	41.0B	39.2B	205 B	2 380	825	685	308B	140B	86.8B
21	56.7B	48.1B	44.0B	40.9B	39.1B	320 B	2 260	828	676	299B	138B	85.8B
22	56.3B	47.9B	44.0B	40.8B	39.0B	493 B	2 150	817	661	288B	135B	84.8B
23	56.0B	47.8B	43.9B	40.8B	39.0B	770 B	2 070	817	649	279B	132B	83.9B
24	55.6B	47.6B	43.9B	40.7B	38.9B	1 150 B	1 990	812	635	270B	130B	83.2B
25	55.3B	47.5B	43.8B	40.6B	38.8B	1 840	1 920	803	637	262B	128B	82.0B
26	55.0B	47.3B	43.7B	40.5B	38.8B	2 410	1 860	796	637	253B	126B	81.3B
27	54.7B	47.1B	43.5B	40.5B	38.7B	3 600	1 790	785	626	248B	123B	80.1B
28	54.4B	46.9B	43.4B	40.4B	38.7B	4 650	1 730	773	621	240B	121B	79.6B
29	54.0B		43.3B	40.4B	38.6B	5 670	1 670	766	621	233B	119B	78.5B
30	53.7B		43.1B	40.3B	38.6B	6 010	1 600	760	629	228B	118B	77.8B
31	53.4B		43.0B		38.5B		1 550	751		221B		77.2B
TOTAL	1 824.1	1 390.8	1 385.2	1 244.4	1 222.8	28 052.2	106 710	31 009	21 357	12 027	4 746	2 886.1
MEAN	58.8	49.7	44.7	41.5	39.4	935	3 440	1 000	712	388	158	93.1
MAX	65.6	53.1	46.7	42.9	40.3	6 010	6 330	1 490	780	605	217	115
MIN	53.4	46.9	43.0	40.3	38.5	38.1	1 550	751	621	221	118	77.2

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 586
MAXIMUM DAILY, 6 330 ON JUL 01
MINIMUM DAILY, 38.1B ON JUN 05
MAXIMUM INSTANTANEOUS,
6 370 AT 17:50 CST ON JUL 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 10 N
LONG 096 30 15 W
DRAINAGE AREA, 93 900 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158 000	JUL	9 220 000
FEB	120 000	AUG	2 680 000
MAR	120 000	SEP	1 850 000
APR	108 000	OCT	1 040 000
MAY	106 000	NOV	410 000
JUN	2 420 000	DEC	249 000

TOTAL DISCHARGE, 18 500 000 dam³

REMARKS - FORMERLY PUBLISHED AS "BELOW DEEP ROSE LAKE"

NORTHWEST TERRITORIES

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.7 B	6.73B	4.17B	4.15B	4.13B	10.1B	787	237	180	188E	111 B	35.2B	1
2	16.1 B	6.54B	4.17B	4.15B	4.12B	11.9B	763	229	183	181E	107 B	33.8B	2
3	15.6 B	6.35B	4.17B	4.15B	4.12B	14.8B	725	221	185	171E	103 B	32.6B	3
4	15.0 B	6.15B	4.17B	4.15B	4.12B	17.8B	687A	213	171	162E	98.7B	31.4B	4
5	14.6 B	5.96B	4.17B	4.15B	4.12B	22.0B	647	208	160	150E	95.0B	30.2B	5
6	14.2 B	5.77B	4.17B	4.14B	4.12B	30.7B	612	200	155	144E	91.4B	29.0B	6
7	13.8 B	5.58B	4.17B	4.14B	4.12B	49.8B	584	188	162	139E	88.0B	28.0B	7
8	13.3 B	5.38B	4.17B	4.14B	4.12B	77.7B	562	184	155	127E	84.7B	26.9B	8
9	12.9 B	5.19B	4.17B	4.14B	4.12B	123 B	533	184	149	116E	81.5B	25.9B	9
10	12.5 B	5.00B	4.17B	4.14B	4.12B	176 B	505	179	150	108A	78.5B	24.9B	10
11	12.1 B	4.94B	4.17B	4.14B	4.12B	289 B	483	174	144	122	75.5B	24.0B	11
12	11.8 B	4.87B	4.17B	4.14B	4.12B	468 B	471	173	135	117	72.7B	23.1B	12
13	11.4 B	4.81B	4.16B	4.14B	4.11B	676 B	433	168	133	118	70.0B	22.2B	13
14	11.1 B	4.75B	4.16B	4.14B	4.11B	774	402	165	130	120	67.3B	21.4B	14
15	10.7 B	4.68B	4.16B	4.14B	4.11B	789	387	159	129	119	64.8B	20.6B	15
16	10.3 B	4.62B	4.16B	4.14B	4.11B	835	371	152	130	116	62.4B	19.8B	16
17	9.99B	4.56B	4.16B	4.14B	4.11B	878	357	143	126	118	60.1B	19.1B	17
18	9.76B	4.50B	4.16B	4.13B	4.11B	991	351A	145	125	128	57.8B	18.4B	18
19	9.53B	4.43B	4.16B	4.13B	4.11B	1 020	344A	149	126	141A	55.6B	17.7B	19
20	9.31B	4.37B	4.16B	4.13B	4.11B	1 010	335	154	125A	155A	53.5B	17.0B	20
21	9.08B	4.31B	4.16B	4.13B	4.11B	967	321	164	130E	156A	51.5B	16.4B	21
22	8.86B	4.24B	4.16B	4.13B	4.11B	954	311	167	159E	161A	49.6B	15.8B	22
23	8.63B	4.18B	4.16B	4.13B	4.11B	952	312	177	185E	156A	47.7B	15.2B	23
24	8.41B	4.18B	4.16B	4.13B	4.11B	938	299	187	212E	161A	46.0B	14.6B	24
25	8.18B	4.18B	4.15B	4.13B	4.20B	933	287	195	229E	156A	44.2B	14.1B	25
26	7.95B	4.18B	4.15B	4.13B	4.70B	897	278	196	236E	141	42.6B	13.5B	26
27	7.73B	4.18B	4.15B	4.13B	5.01B	855	275	189	232E	134A	41.0B	13.0B	27
28	7.50B	4.18B	4.15B	4.13B	5.90B	841	275	191	228E	129B	39.4B	12.5B	28
29	7.31B		4.15B	4.13B	6.85B	834	266	190	219E	124B	38.0B	12.1B	29
30	7.12B		4.15B	4.13B	7.70B	795	258	187	201E	119B	36.5B	11.6B	30
31	6.92B		4.15B		8.50B		248	185		115B		11.2B	31
TOTAL	338.38	138.81	129.01	124.12	141.63	17 229.8	13 469	5 653	4 984	4 293	2 015.0	651.2	TOTAL
MEAN	10.9	4.96	4.16	4.14	4.57	574	434	182	166	138	67.2	21.0	MEAN
MAX	16.7	6.73	4.17	4.15	8.50	1 020	787	237	236	188	111	35.2	MAX
MIN	6.92	4.18	4.15	4.13	4.11	10.1	248	143	125	108	36.5	11.2	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 135
MAXIMUM DAILY, 1 020 ON JUN 19
MINIMUM DAILY, 4.11B ON MAY 13
MAXIMUM INSTANTANEOUS,
1 040 AT 13:12 MST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 11 34 N
LONG 106 04 38 W
DRAINAGE AREA, 19 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 200	JUL	1 160 000
FEB	12 000	AUG	488 000
MAR	11 100	SEP	431 000
APR	10 700	OCT	371 000
MAY	12 200	NOV	174 000
JUN	1 490 000	DEC	56 300

TOTAL DISCHARGE, 4 250 000 dam³

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.38B	2.00B	1.09 B	0 B	0.240B	7.10B	564	128	130	213	68.9B	20.8 B	1
2	4.26B	1.97B	1.05 B	0 B	0.360B	8.00B	515	122	135	192	66.2B	20.0 B	2
3	4.13B	1.94B	1.01 B	0 B	0.480B	9.10B	463	115	142	181	63.6B	19.2 B	3
4	4.01B	1.91B	0.991B	0 B	0.600B	10.1 B	415	109	144	174	61.1B	18.4 B	4
5	3.88B	1.88B	0.932B	0 B	0.720B	11.9 B	373	104	144	173	58.7B	17.7 B	5
6	3.76B	1.85B	0.893B	0 B	0.840B	14.7 B	337	99.5	142	155	56.4B	17.0 B	6
7	3.63B	1.82B	0.854B	0 B	0.960B	17.2 B	307	95.1	149	145	54.2B	16.3 B	7
8	3.50B	1.79B	0.815B	0 B	1.08 B	20.4 B	281	91.4	154	141	52.1B	15.7 B	8
9	3.38B	1.75B	0.776B	0 B	1.20 B	25.1 B	258	88.4	163	132	50.1B	15.1 B	9
10	3.25B	1.72B	0.738B	0 B	1.32 B	46.5 B	240	85.9	163	124	48.1B	14.5 B	10
11	3.13B	1.69B	0.699B	0 B	1.44 B	88.0 B	224	84.9	160	105	46.2B	13.9 B	11
12	3.00B	1.66B	0.660B	0 B	1.52 B	179 B	212	84.9	150	104	44.4B	13.4 B	12
13	2.88B	1.63B	0.621B	0 B	1.68 B	349 B	197	84.0	141	100	42.7B	12.9 B	13
14	2.75B	1.60B	0.582B	0 B	1.80 B	700 B	185	83.6	135	112	41.0B	12.4 B	14
15	2.63B	1.57B	0.544B	0 B	1.92 B	920 B	173	82.7	130	127	39.4B	11.9 B	15
16	2.50B	1.54B	0.505B	0 B	2.04 B	987	171	81.2	125	124	37.9B	11.4 B	16
17	2.47B	1.51B	0.466B	0 B	2.16 B	977	171	78.2	123	123	36.4B	11.0 B	17
18	2.44B	1.48B	0.427B	0 B	2.28 B	989	172	76.0	124	118	35.0B	10.6 B	18
19	2.41B	1.44B	0.388B	0 B	2.40 B	937	175	75.2	123	116	33.6B	10.2 B	19
20	2.38B	1.41B	0.349B	0 B	2.52 B	835	183	77.4	119	111 B	32.3B	9.80B	20
21	2.34B	1.38B	0.311B	0 B	2.64 B	739	184	83.9	120	107 B	31.0B	9.41B	21
22	2.31B	1.35B	0.272B	0 B	2.76 B	713	182	88.6	122	103 B	29.8B	9.04B	22
23	2.28B	1.32B	0.233B	0 B	2.88 B	732	177	95.5	137	98.8B	28.6B	8.66B	23
24	2.25B	1.27B	0.194B	0 B	3.00 B	696	172	99.5	171	94.9B	27.5B	8.34B	24
25	2.22B	1.24B	0.155B	0 B	3.15 B	637	165	102	198	91.2B	26.4B	8.01B	25
26	2.19B	1.20B	0.116B	0 B	3.30 B	568	161	105	214	87.6B	25.4B	7.70B	26
27	2.16B	1.16B	0.078B	0 B	3.65 B	506	155	112	224	84.2B	24.4B	7.40B	27
28	2.13B	1.13B	0.039B	0 B	4.10 B	472	155	121	231	80.9B	23.4B	7.11B	28
29	2.10B		0 B	0 B	4.90 B	522	148	129	230	77.7B	22.5B	6.83B	29
30	2.07B		0 B	0.120B	5.10 B	591	143	132	227	74.6B	21.6B	6.56B	30
31	2.03B		0 B		5.90 B		134	131		71.7B		6.30B	31
TOTAL	88.85	44.21	15.788	0.120	68.940	13 307.10	7 392	3 045.9	4 670	3 741.6	1 228.9	377.58	TOTAL
MEAN	2.87	1.58	0.509	0.004	2.22	444	238	98.3	156	121	41.0	12.2	MEAN
MAX	4.38	2.00	1.09	0.120	5.90	989	564	132	231	213	68.9	20.8	MAX
MIN	2.03	1.13	0	0	0.240	7.10	134	75.2	119	71.7	21.6	6.30	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.1
MAXIMUM DAILY, 989 ON JUN 18
MINIMUM DAILY, 0B ON MAR 29
MAXIMUM INSTANTANEOUS,
1 030 AT 08:25 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 02 39 N
LONG 104 30 45 W
DRAINAGE AREA, 14 500 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 680	JUL	639 000
FEB	3 820	AUG	263 000
MAR	1 360	SEP	403 000
APR	10.4	OCT	323 000
MAY	5 960	NOV	106 000
JUN	1 150 000	DEC	32 600

TOTAL DISCHARGE, 2 940 000 dam³

NORTHWEST TERRITORIES

BAKER CREEK AT OUTLET OF LOWER MARTIN LAKE - STATION NO. 07SB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.194	0.879	0.059	0.017	0.018	0.010	0.147	0.156	1
2	0	0	0	0	0.160	0.836	0.058	0.016	0.016	0.010	0.152	0.150	2
3	0	0	0	0	0.142	0.794	0.056	0.017	0.016	0.010	0.151	0.150	3
4	0	0	0	0	0.133	0.737	0.055	0.016	0.015	0.011	0.156	0.168	4
5	0	0	0	0	0.145	0.699	0.047	0.016	0.015	0.012	0.157	0.164	5
6	0	0	0	0	0.140	0.673	0.039	0.014	0.015	0.012	0.158	0.160	6
7	0	0	0	0	0.130	0.656	0.033	0.014	0.015	0.014	0.159	0.190	7
8	0	0	0	0	0.126	0.645	0.026	0.012	0.013	0.017	0.148	0.196	8
9	0	0	0	0	0.115	0.617	0.036	0.011	0.013	0.023	0.137	0.195	9
10	0	0	0	0	0.109	0.574	0.050	0.010	0.012	0.026	0.139	0.195	10
11	0	0	0	0	0.117	0.556	0.051	0.010	0.011	0.028	0.139	0.193	11
12	0	0	0	0	0.134	0.520	0.046	0.010	0.010	0.033	0.130	0.178	12
13	0	0	0	0	0.189	0.496	0.045	0.011	0.010	0.035	0.138	0.171	13
14	0	0	0	0	0.280	0.465	0.042	0.011A	0.011	0.039A	0.148	0.166	14
15	0	0	0	0	0.400	0.428	0.042	0.010	0.011	0.044E	0.146	0.158	15
16	0	0	0	0	0.552	0.411	0.039	0.009	0.011	0.048E	0.155	0.149	16
17	0	0	0	0	0.691	0.390	0.036	0.009	0.009	0.053E	0.159	0.140	17
18	0	0	0	0	0.835	0.360	0.031	0.009	0.009	0.057A	0.160	0.131	18
19	0	0	0	0	0.977	0.326	0.029	0.010	0.008	0.060	0.163	0.126	19
20	0	0	0	0.262	1.06	0.288	0.025	0.010	0.008	0.061	0.164	0.124	20
21	0	0	0	0.525	1.13	0.245	0.020	0.011A	0.009	0.062	0.163	0.125	21
22	0	0	0	0.787	1.21	0.217	0.019	0.010	0.008	0.063	0.173	0.124	22
23	0	0	0	0.789	1.24	0.185	0.019	0.012	0.009	0.064	0.177	0.118	23
24	0	0	0	0.789	1.26	0.157	0.017	0.011	0.010	0.075	0.182	0.111	24
25	0	0	0	0.724	1.21	0.134	0.015	0.012	0.010	0.095	0.178	0.107	25
26	0	0	0	0.589	1.18	0.115	0.014	0.012	0.010	0.099	0.170	0.102	26
27	0	0	0	0.476	1.14	0.095	0.020	0.011	0.010	0.100	0.169	0.091	27
28	0	0	0	0.374	1.13	0.080	0.021	0.010	0.010	0.116	0.166	0.083	28
29	0		0	0.286	1.08	0.070	0.021	0.012	0.011	0.128	0.166	0.073	29
30	0		0	0.237	0.991	0.067	0.020	0.015	0.010	0.139	0.163	0.069	30
31	0		0		0.920		0.017	0.016		0.143		0.065	31
TOTAL	0	0	0	5.838	19.120	12.715	1.048	0.374	0.343	1.687	4.713	4.328	TOTAL
MEAN	0	0	0	0.195	0.617	0.424	0.034	0.012	0.011	0.054	0.157	0.140	MEAN
MAX	0	0	0	0.789	1.26	0.879	0.059	0.017	0.018	0.143	0.182	0.196	MAX
MIN	0	0	0	0	0.109	0.067	0.014	0.009	0.008	0.010	0.130	0.065	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.137
MAXIMUM DAILY, 1.26 ON MAY 24
MINIMUM DAILY, 0 ON JAN 01
MAXIMUM INSTANTANEOUS,
1.28 AT 13:52 MST ON MAY 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 30 46 N
LONG 114 24 13 W
DRAINAGE AREA, 121 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	90.5
FEB	0	AUG	32.3
MAR	0	SEP	29.6
APR	504	OCT	146
MAY	1 650	NOV	407
JUN	1 100	DEC	374

TOTAL DISCHARGE, 4 330 dam³

BAKER LAKE AT BAKER LAKE - STATION NO. 06MA001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.635	7.601	---	---	7.441	7.510	8.430	7.994	7.916	7.700	7.625	7.743	1
2	7.661	7.586	---	---	7.463	7.526	8.381	7.985	7.907	7.757	7.626	7.735	2
3	7.683	7.578E	---	---	7.457	7.525	8.358	7.988	7.887	7.846	7.637	7.739	3
4	7.671	7.560	---	---	7.442	7.534	8.363	8.012	7.860	7.908	7.652	7.775	4
5	7.667	7.527	---	---	7.426	7.582	8.339	8.001	7.871	8.020	7.670	7.790	5
6	7.682	7.517	---	---	7.418	7.641	8.298	8.000	7.911	8.110	7.705	7.764	6
7	7.685	7.537	---	---	7.431	7.696	8.261	8.005	7.938	8.121	7.722	7.786	7
8	7.665	7.550	---	---	7.445	7.748	8.252	8.015	7.852	8.097	7.760	7.815	8
9	7.672	7.529	---	---	7.453	7.783	8.252	8.018	7.897	8.102	7.798	7.790	9
10	7.677	7.526	---	---	7.453	7.829	8.265	8.033	7.918	8.020	7.792	7.724	10
11	7.689	7.520	---	---	7.470	7.884	8.275	8.037	7.868	7.938	7.777	7.709	11
12	7.697	7.518E	---	---	7.510	7.920	8.263	8.034	7.855	7.909	7.781	7.678	12
13	7.710	7.515E	---	---	7.541	7.953	8.232	8.023	7.874	7.928	7.753	7.635	13
14	7.720	7.515E	---	---	7.558	7.994	8.241	8.004	7.878	7.956	7.753	7.592A	14
15	7.732	7.512E	---	---	7.562	8.015	8.255	7.981	7.856	7.995	7.766	7.628A	15
16	7.717	7.510E	---	---	7.543	8.003	8.305	8.040	7.860	7.973	7.775	7.618	16
17	7.704	7.510E	---	---	7.520	8.025	8.333	8.071	7.882	7.960	7.829	7.614	17
18	7.687	7.509E	---	---	7.503	8.056	8.326	8.071	7.945	7.948	7.815	7.615	18
19	7.670	7.509E	---	---	7.502	8.077	8.313	8.023	7.931	7.896	7.786	7.642	19
20	7.650	7.508E	---	---	7.516	8.123	8.278	8.003	7.918	7.887	7.728	7.654	20
21	7.631	7.507E	---	---	7.494	8.181	8.243	7.953	7.924	7.882	7.691	7.623	21
22	7.584	7.506E	---	---	7.483	8.243	8.238	7.934	7.924	7.862	7.701	7.590	22
23	7.544	7.505E	---	---	7.471	8.296	8.245	7.941	7.906	7.846	7.764	7.565	23
24	7.516	7.504E	---	---	7.474	8.345	8.255	7.969	8.010	7.836	7.834	7.578	24
25	7.509	7.503E	---	---	7.490	8.385	8.252	8.000	8.033	7.863	7.862	7.616	25
26	7.510E	7.502E	---	---	7.507	8.420	8.257	7.976	8.007	7.880	7.889	7.632	26
27	7.525E	7.501E	---	---	7.507	8.458	8.254	7.952	7.967	7.817	7.880	7.614	27
28	7.550E	7.500E	---	---	7.517	8.474	8.246	7.927	7.918	7.749	7.834	7.582	28
29	7.575E		---	7.425A	7.517	8.467	8.142	7.934	7.842	7.764	7.762	7.553	29
30	7.588		---	7.434A	7.516	8.459	8.042	7.953	7.732	7.708	7.742	7.562	30
31	7.575		---		7.512		8.016	7.949		7.649		7.595	31
MEAN	7.638	7.524	---	---	7.488	8.005	8.265	7.994	7.903	7.901	7.757	7.663	MEAN
MAX	7.732	7.601	---	---	7.562	8.474	8.430	8.071	8.033	8.121	7.889	7.815	MAX
MIN	7.509	7.500	---	---	7.418	7.510	8.016	7.927	7.732	7.649	7.625	7.553	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 8.474 ON JUN 28

MAXIMUM INSTANTANEOUS,
8.520 AT 14:05 CST ON JUN 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 19 10 N
LONG 096 01 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

BIG SMITH CREEK NEAR HIGHWAY NO. 1 - STATION NO. 10HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.544B	0.413B	0.373B	0.390B	0.820B	31.6	17.6	1.08	0.798	7.84	1.17 B	0.502B	1
2	0.538B	0.410B	0.372B	0.392B	0.880B	26.2	14.3	1.06	0.799	8.27	1.13 B	0.494B	2
3	0.532B	0.407B	0.372B	0.395B	0.950B	21.0	11.6	1.02	0.798	8.44	1.09 B	0.482B	3
4	0.526B	0.404B	0.371B	0.398B	1.05 B	17.0	9.53	0.981	0.795	8.37	1.06 B	0.474B	4
5	0.522B	0.402B	0.371B	0.401B	1.17 B	15.0	7.92	0.981	0.772	7.90	1.03 B	0.464B	5
6	0.516B	0.400B	0.370B	0.404B	1.32 B	13.4	6.71	0.940	0.768	6.60B	0.990B	0.458B	6
7	0.510B	0.398B	0.370B	0.408B	1.50 B	12.3	5.76	0.938	0.763	5.60B	0.960B	0.450B	7
8	0.505B	0.396B	0.370B	0.412B	1.85 B	11.2	4.95	0.911	0.767	4.80B	0.930B	0.440B	8
9	0.500B	0.394B	0.370B	0.416B	2.40 B	10.3	4.31	0.895	0.767	4.15B	0.900B	0.434B	9
10	0.497B	0.393B	0.370B	0.420B	3.50 B	9.49	3.75	0.853	0.765	4.00B	0.870B	0.425B	10
11	0.492B	0.391B	0.371B	0.426B	6.20 B	9.02	3.13	0.839	0.762	3.70B	0.845B	0.416B	11
12	0.487B	0.389B	0.371B	0.432B	10.0 B	8.30	2.61	0.837	0.766	3.45B	0.818B	0.408B	12
13	0.481B	0.388B	0.372B	0.438B	15.0 B	7.70	2.32	0.834	0.773	3.20B	0.790B	0.400B	13
14	0.478B	0.386B	0.372B	0.445B	20.0 B	7.25	2.22	0.825	0.774	3.00B	0.765B	0.395B	14
15	0.473B	0.385B	0.373B	0.452B	30.0 B	6.59	2.04	0.804	0.768	2.75B	0.745B	0.389B	15
16	0.468B	0.383B	0.373B	0.460B	36.9	6.17	1.90	0.789	0.975	2.58B	0.725B	0.381B	16
17	0.462B	0.382B	0.374B	0.468B	41.2	5.81	1.85	0.795	3.92	2.45B	0.708B	0.376B	17
18	0.459B	0.380B	0.374B	0.478B	43.4	5.51	1.76	0.800	4.63	2.32B	0.685B	0.369B	18
19	0.456B	0.379B	0.375B	0.488B	41.0	5.54	1.66	0.795	4.54	2.18B	0.670B	0.363B	19
20	0.452B	0.379B	0.376B	0.500B	36.3	6.02	1.56	0.787	4.56	2.03B	0.650B	0.358B	20
21	0.448B	0.378B	0.377B	0.517B	31.4	6.52	1.48	0.795	4.76	1.92B	0.630B	0.353B	21
22	0.444B	0.378B	0.378B	0.530B	26.8	6.79	1.40	0.794	5.33	1.81B	0.611B	0.349B	22
23	0.440B	0.377B	0.379B	0.545B	24.1	7.13	1.34	0.789	6.00	1.72B	0.598B	0.345B	23
24	0.438B	0.376B	0.380B	0.567B	22.8	9.89	1.32	0.790	6.23	1.64B	0.586B	0.339B	24
25	0.434B	0.375B	0.381B	0.588B	23.9	20.1	1.29	0.789	6.27	1.57B	0.572B	0.335B	25
26	0.430B	0.375B	0.382B	0.615B	29.5	28.2	1.28	0.786	6.27	1.49B	0.558B	0.331B	26
27	0.427B	0.374B	0.383B	0.645B	36.0	30.3	1.25	0.788	6.27	1.43B	0.546B	0.327B	27
28	0.423B	0.374B	0.385B	0.680B	41.4	29.2	1.21	0.793	6.32	1.37B	0.534B	0.322B	28
29	0.420B		0.387B	0.720B	40.3	26.3	1.19	0.794	6.72	1.30B	0.522B	0.319B	29
30	0.418B		0.388B	0.760B	38.8	21.9	1.12	0.794	7.48	1.25B	0.515B	0.315B	30
31	0.416B		0.389B		36.1		1.09	0.796		1.22B		0.312B	31
TOTAL	14.636	10.866	11.649	14.790	646.540	421.73	121.45	26.472	91.910	110.35	23.203	12.125	TOTAL
MEAN	0.472	0.388	0.376	0.493	20.9	14.1	3.92	0.854	3.06	3.56	0.773	0.391	MEAN
MAX	0.544	0.413	0.389	0.760	43.4	31.6	17.6	1.08	7.48	8.44	1.17	0.502	MAX
MIN	0.416	0.374	0.370	0.390	0.820	5.51	1.09	0.786	0.762	1.22	0.515	0.312	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.13
MAXIMUM DAILY, 43.4 ON MAY 18
MINIMUM DAILY, 0.312B ON DEC 31
MAXIMUM INSTANTANEOUS,
44.0 AT 06:37 MST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 35 46 N
LONG 124 50 13 W
DRAINAGE AREA, 964 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 260	JUL	10 500
FEB	939	AUG	2 290
MAR	1 010	SEP	7 940
APR	1 280	OCT	9 530
MAY	55 900	NOV	2 000
JUN	36 400	DEC	1 050

TOTAL DISCHARGE, 130 000 dam³

BIRCH RIVER AT HIGHWAY NO. 7 - STATION NO. 10ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.131B	0.074B	0.061B	0.690B	5.64	2.26	3.63	1.36	3.68	1.83 E	0.960B	0.482B	1
2	0.133B	0.072B	0.067B	0.620B	6.09	2.12	3.05	4.29	3.31	1.72 E	0.935B	0.470B	2
3	0.120B	0.070B	0.066B	0.550B	6.42	1.89	2.46	8.09	3.17	1.64 A	0.906B	0.458B	3
4	0.106B	0.068B	0.068B	0.450B	7.27	1.68	1.99	7.62	3.04	1.59	0.870B	0.445B	4
5	0.096B	0.066B	0.072B	0.600B	8.23	1.64	1.65	6.36	3.26	1.53	0.845B	0.430B	5
6	0.093B	0.065B	0.075B	0.420B	8.92	1.65	1.34	5.46	3.61	1.50	0.818B	0.415B	6
7	0.095B	0.063B	0.079B	0.380B	8.84	1.69	1.26	10.2	3.85	1.44	0.790B	0.395B	7
8	0.098B	0.061B	0.082B	0.430B	8.43	1.74	1.24	18.9	4.06	1.39	0.755B	0.375B	8
9	0.099B	0.059B	0.086B	0.500B	8.09	1.74	1.19	19.9	4.24	1.38	0.710B	0.355B	9
10	0.094B	0.057B	0.090B	0.380B	7.52	1.61	1.29	16.6	4.11	1.37	0.700B	0.338B	10
11	0.099B	0.056B	0.085B	0.267B	6.86	1.40	1.28	13.0	4.13	1.36	0.675B	0.310B	11
12	0.097B	0.054B	0.080B	0.250B	6.16	1.23	1.11	10.2	4.38	1.32	0.650B	0.295B	12
13	0.097B	0.053B	0.085B	0.259B	5.49	1.04	1.45	8.25	4.63	1.28	0.618B	0.275B	13
14	0.098B	0.052B	0.089B	0.259B	5.04	0.920	3.73	6.82	4.77E	1.26	0.595B	0.258B	14
15	0.101B	0.051B	0.082B	0.336B	4.57	0.834	8.83	5.81	4.84E	1.22	0.578B	0.240B	15
16	0.100B	0.050B	0.084B	0.431B	4.19	0.771	8.99	5.08	4.50E	1.20 B	0.541B	0.235B	16
17	0.095B	0.049B	0.086B	0.596B	3.96	0.745	7.89	4.44	4.23E	1.15 B	0.520B	0.225B	17
18	0.094B	0.048B	0.089B	1.08 B	3.77	0.761	6.55	3.86	3.93E	1.11 B	0.505B	0.210B	18
19	0.093B	0.048B	0.091B	1.74 B	3.49	0.755	5.39	3.33	3.67E	1.05 B	0.490B	0.186B	19
20	0.091B	0.047B	0.093B	3.36 B	3.29	0.674	4.43	2.87	3.38E	1.14 B	0.470B	0.160B	20
21	0.090B	0.047B	0.096B	5.01 B	3.13	0.583	3.59	2.45	3.12E	1.24 B	0.464B	0.149B	21
22	0.087B	0.047B	0.102B	5.94 B	2.81	0.527	2.84	3.00	2.93E	1.06 B	0.470B	0.150B	22
23	0.085B	0.047B	0.104B	6.74	2.56	0.543	2.53	5.34	2.56E	1.04 B	0.478B	0.153B	23
24	0.082B	0.048B	0.118B	6.44	2.67	0.586	2.28	7.41	2.25E	1.06 B	0.490B	0.162B	24
25	0.079B	0.050B	0.132B	5.97	3.42	0.790	2.05	6.81	1.90E	0.962B	0.500B	0.125B	25
26	0.080B	0.051B	0.157B	5.40	3.26	1.55	1.78	6.30	1.96E	0.959B	0.510B	0.118B	26
27	0.080B	0.053B	0.177B	5.43	3.04	3.44	1.48	5.71	2.03E	0.962B	0.520B	0.110B	27
28	0.079B	0.055B	0.336B	5.06	2.91	3.42	1.22	5.11	2.10E	0.975B	0.516B	0.100B	28
29	0.078B		0.480B	5.05	2.81	3.21	1.04	4.81	2.00E	0.982B	0.510B	0.098B	29
30	0.077B		0.710B	5.28	2.58	3.47	0.926	4.53	1.92E	0.979B	0.498B	0.097B	30
31	0.075B		0.630B		2.36		0.797	4.11		0.972B		0.096B	31
TOTAL	2.922	1.561	4.652	69.918	153.82	45.269	89.283	217.82	101.46	38.671	18.907	7.880	TOTAL
MEAN	0.094	0.056	0.150	2.33	4.96	1.51	2.88	7.03	3.38	1.25	0.630	0.254	MEAN
MAX	0.133	0.074	0.710	6.74	8.92	3.47	8.99	19.9	4.84	1.83	0.960	0.482	MAX
MIN	0.075	0.047	0.061	0.250	2.36	0.527	0.797	1.36	1.90	0.959	0.464	0.096	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.06
MAXIMUM DAILY, 19.9 ON AUG 09
MINIMUM DAILY, 0.047B ON FEB 20
MAXIMUM INSTANTANEOUS,
20.9 AT 02:06 MST ON AUG 09

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 20 13 N
LONG 122 05 12 W
DRAINAGE AREA, 542 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	252	JUL	7 710
FEB	135	AUG	18 800
MAR	402	SEP	8 770
APR	6 040	OCT	3 340
MAY	13 300	NOV	1 630
JUN	3 910	DEC	681

TOTAL DISCHARGE, 65 000 dam³

REMARKS - FORMERLY PUBLISHED AS "AT FORT LIARD HIGHWAY"

NORTHWEST TERRITORIES

BLACKWATER RIVER AT OUTLET OF BLACKWATER LAKE - STATION NO. 10HC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.65B	2.00B	1.44B	1.48B	5.82E	141	112	32.2	18.0	25.3	15.9	8.20B	1
2	4.40B	1.98B	1.44B	1.52B	6.13A	139	110	30.3	18.2	25.8	15.1	8.40B	2
3	4.10B	1.96B	1.44B	1.56B	7.00E	135	105	29.9	18.4	26.6	14.8	8.63B	3
4	3.95B	1.94B	1.42B	1.64B	9.00E	132	103	30.4	18.7	26.9	13.9	7.10B	4
5	3.80B	1.90B	1.40B	1.70B	11.0 E	129	99.1	30.6	18.5	27.0	13.3	7.41B	5
6	3.70B	1.88B	1.40B	1.80B	13.0 E	124	95.0	29.9	18.2	27.0	14.0	7.59B	6
7	3.55B	1.82B	1.40B	1.90B	15.4 E	119	90.9	30.1	18.4	27.1	12.9	7.21B	7
8	3.45B	1.78B	1.38B	1.98B	17.4 E	116	87.0	28.8	18.1	27.3	12.3 B	7.14B	8
9	3.30B	1.75B	1.38B	2.08B	19.2 E	113	80.7	28.6	18.7	26.0	11.0 B	7.18B	9
10	3.20B	1.70B	1.38B	2.18B	21.2 E	110	78.3	27.6	19.0	26.5	9.83B	7.09B	10
11	3.10B	1.67B	1.36B	2.26B	50.4 E	105	73.6	27.9	18.4	26.3	9.94B	6.91B	11
12	3.05B	1.66B	1.34B	2.37B	70.3 E	103	69.0	27.9	17.7	25.1	10.0 B	6.70B	12
13	2.95B	1.65B	1.32B	2.44B	90.6 E	97.8	67.6	27.3	17.6	24.5	10.0 B	6.66B	13
14	2.86B	1.65B	1.30B	2.57B	114 E	94.0	62.6	27.0	17.6	24.1	9.45B	6.48B	14
15	2.80B	1.64B	1.30B	2.68B	130 E	90.9	60.6	26.7	17.6	23.8	9.55B	6.46B	15
16	2.75B	1.63B	1.30B	2.79B	133 E	91.2	57.2	25.1	17.1	23.4	9.28B	6.31B	16
17	2.65B	1.62B	1.28B	2.90B	134 E	91.9	54.8	24.1	18.4	23.0	9.49B	6.15B	17
18	2.62B	1.61B	1.26B	3.08B	134 E	93.0	51.9	24.1	19.4	22.3	9.25B	6.13B	18
19	2.58B	1.60B	1.24B	3.11B	135 E	95.1	49.8	22.8	19.9	21.2	8.76B	6.12B	19
20	2.54B	1.58B	1.22B	3.38B	136 E	97.7	48.3	22.4	20.4	20.6	8.85B	5.79B	20
21	2.46B	1.57B	1.20B	3.52B	136 E	100	46.0	22.3	21.0	19.6	8.97B	5.71B	21
22	2.42B	1.55B	1.20B	3.70B	137 A	102	44.2	20.9	21.8	18.7	8.52B	5.94B	22
23	2.38B	1.54B	1.20B	3.86B	137	105	41.9	19.6	22.9	18.5	8.74B	5.74B	23
24	2.32B	1.52B	1.20B	4.08B	137	106	40.2	20.4	23.3	18.7	8.76B	5.35B	24
25	2.28B	1.50B	1.24B	4.24B	137	106	39.5	18.8	23.8	18.2	8.51B	5.35B	25
26	2.22B	1.48B	1.28B	4.46B	137	108	37.9	18.5	23.8	18.3	7.53B	5.42B	26
27	2.20B	1.47B	1.32B	4.70B	138	111	35.9	17.6	24.0	18.0	7.90B	5.22B	27
28	2.18B	1.46B	1.35B	4.90B	139	114	34.3	18.3	24.5	18.0	8.60B	5.09B	28
29	2.12B		1.38B	5.18B	140	115	32.9	17.1	24.4	17.4	8.30B	4.87B	29
30	2.08B		1.40B	5.52B	141	113	32.4	17.4	25.2	16.7	8.00B	4.83B	30
31	2.02B		1.44B		141		33.5	17.8		16.3		4.72B	31
TOTAL	90.68	47.11	41.19	89.60	2 772.45	3 297.6	1 975.1	762.4	603.0	698.2	311.43	197.90	TOTAL
MEAN	2.93	1.68	1.33	2.99	89.4	110	63.7	24.6	20.1	22.5	10.4	6.38	MEAN
MAX	4.65	2.00	1.44	5.52	141	141	112	32.2	25.2	27.3	15.9	8.63	MAX
MIN	2.02	1.46	1.20	1.48	5.82	90.9	32.4	17.1	17.1	16.3	7.53	4.72	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 29.8
MAXIMUM DAILY, 141 ON MAY 30
MINIMUM DAILY, 1.20B ON MAR 21
MAXIMUM INSTANTANEOUS,
143 AT 17:51 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 54 06 N
LONG 123 19 22 W
DRAINAGE AREA, 7 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 830	JUL	171 000
FEB	4 070	AUG	65 900
MAR	3 560	SEP	52 100
APR	7 740	OCT	60 300
MAY	240 000	NOV	26 900
JUN	285 000	DEC	17 100

TOTAL DISCHARGE, 942 000 dam³

REMARKS - STATION PREVIOUSLY PUBLISHED UNDER STATION NO. 10HC005

BLUEFISH LAKE NEAR YELLOWKNIFE - STATION NO. 07SB015

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	186.091	186.059	186.031	185.965	185.795	186.058	186.069	186.394	186.314	186.237	186.201	186.155	1
2	186.093	186.056	186.031	185.968	185.776	186.054	186.060	186.389	186.306	186.234	186.201	186.153	2
3	186.096	186.053	186.029	185.968	185.756	186.054	186.064	186.382	186.302	186.234	186.202	186.152	3
4	186.097	186.050	186.026	185.966	185.735	186.056	186.073	186.377	186.301	186.228	186.199	186.154	4
5	186.093	186.047	186.021	185.969	185.729	186.055	186.090	186.375	186.315	186.226	186.193	186.153	5
6	186.090	186.047	186.015	185.969	185.744	186.047	186.107	186.370	186.324	186.223	186.196	186.151	6
7	186.088	186.049	186.017	185.964	185.772	186.039	186.128	186.374	186.313	186.219	186.195	186.155	7
8	186.087	186.050	186.016	185.962	185.812	186.027	186.154	186.365	186.296	186.216	186.187	186.156	8
9	186.087	186.050	186.017	185.963	185.867	186.041	186.183	186.357	186.290	186.222	186.179	186.156	9
10	186.086	186.049	186.017	185.960	185.931	186.047	186.217	186.356	186.287	186.225	186.174	186.157	10
11	186.084	186.050	186.017	185.951	185.974	186.051	186.255	186.351	186.284	186.219	186.174	186.159	11
12	186.083	186.051	186.014	185.945	185.992	186.050	186.289	186.350	186.282	186.214	186.176	186.157	12
13	186.082	186.049	186.007	185.944	186.000	186.054	186.329	186.349	186.282	186.214	186.182	186.158	13
14	186.081	186.048	186.002	185.935	186.005	186.057	186.366	186.342	186.280	186.215	186.181	186.159	14
15	186.079	186.046	186.003	185.924	186.007	186.059	186.379	186.335	186.279	186.215	186.176	186.160	15
16	186.077	186.042	185.998	185.915	186.009	186.062	186.392	186.329	186.305	186.217	186.179	186.161	16
17	186.077	186.034	186.001	185.904	186.008	186.067	186.397	186.324	186.359	186.217	186.179	186.159	17
18	186.077	186.032	186.001	185.894	186.009	186.072	186.399	186.335	186.358	186.219	186.174	186.154	18
19	186.078	186.030	186.001	185.880	186.005	186.072	186.403	186.336	186.328	186.219	186.166	186.151	19
20	186.086	186.027	186.002	185.870	186.005	186.073	186.404	186.337	186.263	186.217	186.159	186.147	20
21	186.082	186.023	186.007	185.859	186.008	186.072	186.414	186.337	186.253	186.214	186.161	186.145	21
22	186.072	186.022	186.009	185.860	186.015	186.073	186.418	186.331	186.254	186.212	186.164	186.141	22
23	186.069	186.022	186.005	185.861	186.020	186.072	186.414	186.328	186.251	186.206	186.165	186.134	23
24	186.070	186.022	185.992	185.863	186.020	186.070	186.407	186.320	186.252	186.206	186.164	186.131	24
25	186.069	186.023	185.986	185.865	186.023	186.071	186.404	186.318	186.252	186.211	186.160	186.129	25
26	186.070	186.025	185.985	185.861	186.026	186.121	186.405	186.312	186.252	186.206	186.155	186.126	26
27	186.070	186.029	185.986	185.855	186.033	186.200	186.399	186.305	186.293	186.200	186.155	186.126	27
28	186.069	186.034	185.982	185.847	186.068	186.190	186.395	186.305	186.321	186.201	186.156	186.115	28
29	186.069		185.976	185.834	186.190	186.186	186.389	186.307	186.257	186.202	186.157	186.115	29
30	186.062		185.970	185.816	186.182	186.168	186.393	186.311	186.243	186.201	186.156	186.117	30
31	186.060		185.965		186.087		186.394	186.318		186.203		186.121	31
MEAN	186.080	186.040	186.004	185.911	185.955	186.077	186.296	186.343	186.290	186.216	186.176	186.145	MEAN
MAX	186.097	186.059	186.031	185.969	186.190	186.200	186.418	186.394	186.359	186.237	186.202	186.161	MAX
MIN	186.060	186.022	185.965	185.816	185.729	186.027	186.060	186.305	186.243	186.200	186.155	186.115	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MEAN, 186.129
MAXIMUM DAILY, 186.418 ON JUL 22
MINIMUM DAILY, 185.729 ON MAY 05
MAXIMUM INSTANTANEOUS,
186.424 AT 18:16 MST ON JUL 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 40 46 N
LONG 114 15 52 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1946

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.991	0.035E	0.034	0.006	0.016B	0.001B	0B	1
2	0B	0B	0B	0B	0 B	0.807	0.030E	0.031	0.007	0.016B	0.001B	0B	2
3	0B	0B	0B	0B	0 B	0.676	0.026E	0.029	0.007	0.016B	0.001B	0B	3
4	0B	0B	0B	0B	0 B	0.569	0.023A	0.027	0.007	0.015B	0.001B	0B	4
5	0B	0B	0B	0B	0 B	0.489	0.019	0.025	0.007	0.015B	0 B	0B	5
6	0B	0B	0B	0B	0 B	0.415	0.016	0.023	0.008	0.015B	0 B	0B	6
7	0B	0B	0B	0B	0 B	0.362	0.013	0.021	0.009	0.014B	0 B	0B	7
8	0B	0B	0B	0B	0 B	0.323	0.010	0.019	0.009	0.014B	0 B	0B	8
9	0B	0B	0B	0B	0 B	0.296	0.009	0.018	0.011	0.013B	0 B	0B	9
10	0B	0B	0B	0B	0 B	0.272	0.009	0.017	0.011	0.012B	0 B	0B	10
11	0B	0B	0B	0B	0 B	0.251	0.097	0.016	0.012	0.012B	0 B	0B	11
12	0B	0B	0B	0B	0 B	0.242	0.144	0.015	0.012	0.011B	0 B	0B	12
13	0B	0B	0B	0B	0 B	0.230	0.168	0.015	0.012	0.011B	0 B	0B	13
14	0B	0B	0B	0B	0 B	0.223	0.173	0.015	0.012	0.010B	0 B	0B	14
15	0B	0B	0B	0B	0.020B	0.216	0.177	0.014	0.013	0.009B	0 B	0B	15
16	0B	0B	0B	0B	0.070B	0.208	0.172	0.013	0.013	0.009B	0 B	0B	16
17	0B	0B	0B	0B	0.180B	0.202	0.163	0.012	0.013	0.008B	0 B	0B	17
18	0B	0B	0B	0B	0.280B	0.202E	0.149	0.011	0.013	0.007B	0 B	0B	18
19	0B	0B	0B	0B	0.372B	0.199E	0.132	0.011	0.013	0.007B	0 B	0B	19
20	0B	0B	0B	0B	0.470B	0.196E	0.115	0.010	0.014	0.006B	0 B	0B	20
21	0B	0B	0B	0B	0.840B	0.194E	0.104	0.009	0.014	0.006B	0 B	0B	21
22	0B	0B	0B	0B	1.14 B	0.195E	0.094	0.009	0.014	0.005B	0 B	0B	22
23	0B	0B	0B	0B	1.40 B	0.198E	0.085	0.008	0.016	0.005B	0 B	0B	23
24	0B	0B	0B	0B	1.70 B	0.200E	0.077	0.008	0.017	0.004B	0 B	0B	24
25	0B	0B	0B	0B	2.00 B	0.170E	0.069	0.008	0.017	0.004B	0 B	0B	25
26	0B	0B	0B	0B	2.44 B	0.110E	0.063	0.007	0.017	0.003B	0 B	0B	26
27	0B	0B	0B	0B	3.42 B	0.075E	0.058	0.007	0.017	0.003B	0 B	0B	27
28	0B	0B	0B	0B	2.55	0.059E	0.053	0.007	0.017A	0.003B	0 B	0B	28
29	0B		0B	0B	1.84	0.049E	0.049	0.007	0.017E	0.002B	0 B	0B	29
30	0B		0B	0B	1.45	0.041E	0.046	0.006	0.017E	0.002B	0 B	0B	30
31	0B		0B		1.21		0.040	0.006		0.002B		0B	31
TOTAL	0	0	0	0	21.382	8.660	2.418	0.458	0.372	0.275	0.004	0	TOTAL
MEAN	0	0	0	0	0.690	0.289	0.078	0.015	0.012	0.009	0	0	MEAN
MAX	0	0	0	0	3.42	0.991	0.177	0.034	0.017	0.016	0.001	0	MAX
MIN	0	0	0	0	0	0.041	0.009	0.006	0.006	0.002	0	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.092
MAXIMUM DAILY, 3.42B ON MAY 27
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
3.76B AT 01:17 MST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 21 40 N
LONG 133 38 38 W
DRAINAGE AREA, 28.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	209
FEB	0	AUG	39.6
MAR	0	SEP	32.1
APR	0	OCT	23.8
MAY	1 850	NOV	0.346
JUN	748	DEC	0

TOTAL DISCHARGE, 2 900 dam³

BOSWORTH CREEK NEAR NORMAN WELLS - STATION NO. 10KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.192B	0.172B	0.158B	0.153B	0.269B	1.50	0.758	0.355	0.320	1.11	0.392B	0.227B	1
2	0.191B	0.172B	0.158B	0.153B	0.285B	1.32	0.682	0.319	0.306	1.03	0.384B	0.222B	2
3	0.190B	0.171B	0.157B	0.153B	0.316B	1.14	0.612	0.312	0.276	1.00	0.377B	0.219B	3
4	0.190B	0.170B	0.157B	0.153B	0.404B	1.05	0.560	0.325	0.274	0.979	0.370B	0.215B	4
5	0.189B	0.170B	0.156B	0.153B	0.500B	0.996	0.523	0.339	0.270	0.900B	0.363B	0.212B	5
6	0.189B	0.169B	0.156B	0.154B	0.590B	0.880	0.481	0.341	0.263	0.844	0.357B	0.208B	6
7	0.188B	0.169B	0.156B	0.154B	0.647B	0.786	0.441	0.338	0.272	0.800B	0.350B	0.205B	7
8	0.188B	0.168B	0.155B	0.154B	0.880B	0.749	0.407	0.325	0.278	0.772	0.343B	0.202B	8
9	0.187B	0.168B	0.155B	0.155B	0.976B	0.751	0.386	0.320	0.280	0.757	0.337B	0.199B	9
10	0.187B	0.167B	0.154B	0.155B	1.01	0.710	0.387	0.314	0.317	0.732	0.331B	0.196B	10
11	0.186B	0.167B	0.154B	0.156B	1.59	0.670	0.374	0.320	0.342	0.640B	0.325B	0.193B	11
12	0.185B	0.167B	0.154B	0.157B	2.22	0.620	0.350	0.331	0.336	0.590B	0.318B	0.190B	12
13	0.185B	0.166B	0.153B	0.158B	2.55	0.570	0.330	0.322	0.340	0.570B	0.312B	0.187B	13
14	0.184B	0.166B	0.153B	0.159B	3.24	0.545	0.324	0.321	0.344	0.555B	0.307B	0.184B	14
15	0.183B	0.165B	0.153B	0.161B	2.89	0.528	0.318	0.307	0.355	0.547B	0.302B	0.181B	15
16	0.182B	0.165B	0.153B	0.162B	2.53	0.599	0.312	0.305	1.24	0.535B	0.297B	0.178B	16
17	0.181B	0.164B	0.152B	0.163B	2.45	0.605	0.323	0.300	1.85	0.525B	0.292B	0.176B	17
18	0.180B	0.164B	0.152B	0.165B	2.54	0.601	0.320	0.306	1.37	0.515B	0.285B	0.173B	18
19	0.180B	0.163B	0.152B	0.167B	2.04	0.694	0.312	0.314	1.13	0.505B	0.280B	0.171B	19
20	0.179B	0.163B	0.152B	0.170B	1.73	0.704	0.302	0.316	1.01	0.495B	0.276B	0.169B	20
21	0.179B	0.162B	0.152B	0.173B	1.61	0.627	0.293	0.319	0.958	0.485B	0.271B	0.167B	21
22	0.178B	0.162B	0.152B	0.175B	1.95	0.565	0.293	0.317	0.951	0.475B	0.264B	0.164B	22
23	0.178B	0.162B	0.152B	0.178B	2.21	0.581	0.275	0.314	0.962	0.465B	0.261B	0.162B	23
24	0.177B	0.161B	0.152B	0.182B	1.69	0.744	0.274	0.311	1.00	0.458B	0.257B	0.159B	24
25	0.176B	0.161B	0.152B	0.185B	1.74	3.89 E	0.270	0.311	1.04	0.450B	0.253B	0.157B	25
26	0.176B	0.160B	0.152B	0.190B	4.32 E	2.16 E	0.272	0.308	1.04	0.442B	0.248B	0.155B	26
27	0.175B	0.160B	0.152B	0.196B	6.67 E	1.38	0.262	0.312	1.01	0.433B	0.244B	0.153B	27
28	0.175B	0.159B	0.152B	0.197B	4.73 E	1.14	0.256	0.315	0.999	0.424B	0.239B	0.151B	28
29	0.174B		0.152B	0.212B	3.12 E	0.959	0.261	0.312	1.19	0.417B	0.236B	0.149B	29
30	0.173B		0.152B	0.231B	2.67 E	0.841	0.261	0.312	1.20	0.408B	0.232B	0.147B	30
31	0.173B		0.152B		1.98		0.297	0.316		0.400B		0.146B	31
TOTAL	5.650	4.633	4.762	5.074	62.347	28.905	11.506	9.884	21.523	19.258	9.103	5.617	TOTAL
MEAN	0.182	0.166	0.154	0.169	2.01	0.964	0.371	0.319	0.717	0.621	0.303	0.181	MEAN
MAX	0.192	0.172	0.158	0.231	6.67	3.89	0.758	0.355	1.85	1.11	0.392	0.227	MAX
MIN	0.173	0.159	0.152	0.153	0.269	0.528	0.256	0.300	0.263	0.400	0.232	0.146	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.516
MAXIMUM DAILY, 6.67E ON MAY 27
MINIMUM DAILY, 0.146B ON DEC 31
MAXIMUM INSTANTANEOUS,
8.02E AT 20:42 MST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 19 44 N
LONG 126 52 02 W
DRAINAGE AREA, 109 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	488	JUL	994
FEB	400	AUG	854
MAR	411	SEP	1 860
APR	438	OCT	1 660
MAY	5 390	NOV	786
JUN	2 500	DEC	485

TOTAL DISCHARGE, 16 300 dam³

NORTHWEST TERRITORIES

BROWN RIVER ABOVE BROWN LAKE - STATION NO. 060A006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	470	20.0	38.7	6.66	0.090B	0B	1
2	0B	0B	0B	0B	0B	0 B	399	24.5	36.0	5.80 B	0.075B	0B	2
3	0B	0B	0B	0B	0B	0 B	304	27.8	35.6	4.90 B	0.060B	0B	3
4	0B	0B	0B	0B	0B	0 B	244	27.3	33.5	4.25 B	0.045B	0B	4
5	0B	0B	0B	0B	0B	0 B	222	25.1	30.9	3.50 B	0.030B	0B	5
6	0B	0B	0B	0B	0B	0 B	201	23.2	28.9	3.10 B	0.025B	0B	6
7	0B	0B	0B	0B	0B	0 B	176	21.3	26.7	2.70 B	0.020B	0B	7
8	0B	0B	0B	0B	0B	0 B	149	19.4	28.5	2.45 B	0.015B	0B	8
9	0B	0B	0B	0B	0B	0.040B	123	18.0	28.1	2.25 B	0.010B	0B	9
10	0B	0B	0B	0B	0B	0.100B	103	16.7	27.2	2.00 B	0.005B	0B	10
11	0B	0B	0B	0B	0B	0.150B	89.8	15.5	26.7	1.75 B	0 B	0B	11
12	0B	0B	0B	0B	0B	0.200B	81.6	14.4	26.2	1.53 B	0 B	0B	12
13	0B	0B	0B	0B	0B	0.400B	77.3	13.4	25.0	1.37 B	0 B	0B	13
14	0B	0B	0B	0B	0B	0.600B	75.6	12.3	23.4	1.19 B	0 B	0B	14
15	0B	0B	0B	0B	0B	1.00 B	72.1	11.5	21.9	1.03 B	0 B	0B	15
16	0B	0B	0B	0B	0B	2.00 B	64.7	11.0	20.5	0.980B	0 B	0B	16
17	0B	0B	0B	0B	0B	3.00 B	56.1	10.5	20.4	0.825B	0 B	0B	17
18	0B	0B	0B	0B	0B	4.60 B	49.1	9.64	20.6	0.780B	0 B	0B	18
19	0B	0B	0B	0B	0B	5.40 B	43.6	9.84	20.1	0.630B	0 B	0B	19
20	0B	0B	0B	0B	0B	9.00 B	38.8	10.1	18.3	0.590B	0 B	0B	20
21	0B	0B	0B	0B	0B	14.0 B	35.1	16.2	19.5	0.525B	0 B	0B	21
22	0B	0B	0B	0B	0B	20.0 B	31.6	20.1	16.5	0.450B	0 B	0B	22
23	0B	0B	0B	0B	0B	28.0 B	29.0	31.3	15.9	0.405B	0 B	0B	23
24	0B	0B	0B	0B	0B	40.0 B	26.4	39.0	14.3	0.385B	0 B	0B	24
25	0B	0B	0B	0B	0B	56.0 B	23.8	41.4	13.3	0.305B	0 B	0B	25
26	0B	0B	0B	0B	0B	76.0 E	21.6	42.9	12.2	0.270B	0 B	0B	26
27	0B	0B	0B	0B	0B	120 E	20.2	45.8	10.7	0.215B	0 B	0B	27
28	0B	0B	0B	0B	0B	180 E	18.8	50.6	9.74	0.195B	0 B	0B	28
29	0B		0B	0B	0B	250 E	19.2	51.7	9.03	0.185B	0 B	0B	29
30	0B		0B	0B	0B	382	18.7	47.0	7.78	0.140B	0 B	0B	30
31	0B		0B		0B		19.0	42.8		0.110B		0B	31
TOTAL	0	0	0	0	0	1 192.490	3 303.1	770.28	666.15	51.470	0.375	0	TOTAL
MEAN	0	0	0	0	0	39.7	107	24.8	22.2	1.66	0.013	0	MEAN
MAX	0	0	0	0	0	382	470	51.7	38.7	6.66	0.090	0	MAX
MIN	0	0	0	0	0	0	18.7	9.64	7.78	0.110	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.4
MAXIMUM DAILY, 470 ON JUL 01
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
494 AT 13:18 CST ON JUL 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 02 34 N
LONG 091 50 00 W
DRAINAGE AREA, 2 040 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	285 000
FEB	0	AUG	66 600
MAR	0	SEP	57 600
APR	0	OCT	4 450
MAY	0	NOV	32.4
JUN	103 000	DEC	0

TOTAL DISCHARGE, 517 000 dam³

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.19B	2.65 B	0.561B	0.267B	148B	103	72.0	96.1	81.2	64.8	14.6B	10.4 B	1
2	4.17B	2.54 B	0.532B	0.263B	142B	116	75.9	93.1	90.1	60.3	14.4B	10.2 B	2
3	4.13B	2.45 B	0.515B	0.258B	135B	127	74.4	87.6	79.8	49.3	14.2B	10.0 B	3
4	4.09B	2.38 B	0.503B	0.253B	129B	126	75.7	84.4	81.3	56.9	14.1B	9.80B	4
5	4.06B	2.31 B	0.490B	0.249B	127B	124	77.4	91.6	75.4	60.8	14.0B	9.60B	5
6	4.03B	2.20 B	0.480B	0.241B	125B	123	73.5	86.6	82.4	60.1	13.9B	9.30B	6
7	4.01B	2.10 B	0.463B	0.235B	124A	123	72.9	116	79.5	64.3	13.9B	9.01B	7
8	3.98B	2.00 B	0.451B	0.228B	128	111	73.0	87.8	72.5	62.8	13.7B	8.70B	8
9	3.95B	1.85 B	0.435B	0.221B	131	118	74.6	88.1	77.5	65.7	13.6B	8.40B	9
10	3.90B	1.70 B	0.420B	0.216B	136	117	75.0	87.8	75.0	55.6	13.5B	8.20B	10
11	3.85B	1.59 B	0.410B	0.211B	140	101	72.4	87.3	66.4	48.1	13.3B	7.90B	11
12	3.80B	1.45 B	0.400B	0.208B	143	96.1	69.6	87.5	74.1	52.0	13.0B	7.50B	12
13	3.75B	1.35 B	0.395B	0.206B	141	88.4	66.5	79.3	76.7	22.1	12.9B	7.10B	13
14	3.71B	1.25 B	0.387B	0.204B	128	115	76.9	78.2	75.4	20.5E	12.8B	6.90B	14
15	3.68B	1.15 B	0.380B	0.203B	133	115	64.2	83.2	76.0	19.5E	12.7B	6.60B	15
16	3.63B	1.07 B	0.372B	0.216B	144	114	70.7	72.9	74.5	18.7E	12.6B	6.30B	16
17	3.59B	1.00 B	0.368B	0.230B	143	113	70.4	77.4	72.1	18.1E	12.5B	5.90B	17
18	3.53B	0.956B	0.363B	0.385B	129	114	77.6	84.2	71.4	17.7E	12.4B	5.60B	18
19	3.49B	0.873B	0.357B	0.590B	134	110	88.0	76.2	68.9	17.3E	12.3B	5.40B	19
20	3.47B	0.812B	0.350B	1.20 B	143	106	97.3	80.7	68.4	16.9E	12.1B	5.20B	20
21	3.43B	0.781B	0.345B	2.35 B	136	104	99.8	77.3	71.3	16.7E	11.9B	5.00B	21
22	3.41B	0.721B	0.338B	3.67 B	141	103	100	69.0	73.0	16.3E	11.8B	4.80B	22
23	3.34B	0.692B	0.325B	5.36 B	139	99.1	93.1	41.2	70.1	16.1E	11.7B	4.60B	23
24	3.28B	0.655B	0.312B	9.30 B	137	111	97.4	57.6	72.2	15.9E	11.6B	4.40B	24
25	3.20B	0.623B	0.305B	21.0 B	136	99.6	103	78.3	72.8	15.7E	11.5B	4.20B	25
26	3.15B	0.600B	0.300B	68.8 B	128	91.7	102	82.7	61.1	15.5E	11.3B	4.00B	26
27	3.08B	0.585B	0.296B	63.0 B	124	88.5	93.6	79.7	64.3	15.3B	11.1B	3.80B	27
28	3.01B	0.571B	0.290B	62.2 B	131	85.0	91.6	81.1	68.3	15.1B	10.9B	3.60B	28
29	2.95B		0.285B	86.0 B	134	82.1	94.1	79.8	81.5	15.0B	10.7B	3.40B	29
30	2.84B		0.278B	135 B	132	80.5	98.8	77.7	70.5	14.9B	10.6B	3.20B	30
31	2.75B		0.270B		125		90.7	76.2		14.7B		3.00B	31
TOTAL	111.45	38.909	11.976	462.764	4 166	3 205.0	2 562.4	2 536.6	2 223.4	1 022.7	379.5	202.01	TOTAL
MEAN	3.60	1.39	0.386	15.4	134	107	82.7	81.8	74.1	33.0	12.7	6.52	MEAN
MAX	4.19	2.65	0.561	135	148	127	103	116	90.1	65.7	14.6	10.4	MAX
MIN	2.75	0.571	0.270	0.203	124	80.5	64.2	41.2	61.1	14.7	10.6	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.4
MAXIMUM DAILY, 148B ON MAY 01
MINIMUM DAILY, 0.203B ON APR 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 42 44 N
LONG 114 54 11 W
DRAINAGE AREA, 18 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 630	JUL	221 000
FEB	3 360	AUG	219 000
MAR	1 030	SEP	192 000
APR	40 000	OCT	88 400
MAY	360 000	NOV	32 800
JUN	277 000	DEC	17 500

TOTAL DISCHARGE, 1 460 000 dam³

BUFFALO RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.605B	0.531B	0.396B	---	---	---	---	---	---	---	---	1
2	---	0.600B	0.527B	0.398B	---	---	---	---	---	---	---	---	2
3	---	0.597B	0.519B	0.399B	---	---	---	---	---	---	---	---	3
4	---	0.593B	0.506B	0.401B	---	---	---	---	---	---	---	---	4
5	---	0.590B	0.448B	0.402B	---	---	---	---	---	---	---	---	5
6	---	0.587B	0.443B	0.403B	---	---	---	---	---	---	---	---	6
7	---	0.584B	0.437B	0.407B	---	---	---	---	---	---	---	---	7
8	---	0.582B	0.434B	0.412B	---	---	---	---	---	---	---	---	8
9	---	0.581B	0.430B	0.425B	---	---	---	---	---	---	---	---	9
10	---	0.580B	0.427B	0.425B	---	---	---	---	---	---	---	---	10
11	---	0.578B	0.425B	0.432B	---	---	---	---	---	---	---	---	11
12	---	0.575B	0.423B	0.446B	---	---	---	---	---	---	---	---	12
13	---	0.572B	0.421B	0.472B	---	---	---	---	---	---	---	---	13
14	---	0.570B	0.419B	0.796B	---	---	---	---	---	---	---	---	14
15	---	0.568B	0.418B	0.981B	---	---	---	---	---	---	---	---	15
16	---	0.566B	0.416B	1.22 B	---	---	---	---	---	---	---	---	16
17	---	0.565B	0.414B	1.48 B	---	---	---	---	---	---	---	---	17
18	---	0.564B	0.412B	1.75 B	---	---	---	---	---	---	---	---	18
19	---	0.563B	0.410B	1.93 B	---	---	---	---	---	---	---	---	19
20	---	0.561B	0.408B	2.12 B	---	---	---	---	---	---	---	---	20
21	---	0.560B	0.407B	2.33 B	---	---	---	---	---	---	---	---	21
22	---	0.560B	0.405B	2.71 B	---	---	---	---	---	---	---	---	22
23	---	0.559B	0.403B	6.71 B	---	---	---	---	---	---	---	---	23
24	---	0.558B	0.401B	62.8 B	---	---	---	---	---	---	---	---	24
25	---	0.557B	0.400B	129 B	---	---	---	---	---	---	---	---	25
26	---	0.556B	0.401B	94.3 B	---	---	---	---	---	---	---	---	26
27	---	0.543B	0.399B	78.6	---	---	---	---	---	---	---	---	27
28	---	0.539B	0.400B	66.2 A	---	6.29A	---	---	---	---	---	---	28
29	---		0.399B	60.1 E	---	---	---	---	---	---	---	---	29
30	---		0.398B	56.5 E	---	---	---	---	---	---	---	---	30
31	---		0.397B		---		---	---		---		---	31
TOTAL	---	16.013	13.278	575.147	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	0.572	0.428	19.2	---	---	---	---	---	---	---	---	MEAN
MAX	---	0.605	0.531	129	---	---	---	---	---	---	---	---	MAX
MIN	---	0.539	0.397	0.396	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 129B ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 00 49 N
LONG 114 31 32 W
DRAINAGE AREA, 4 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	1 380	AUG	---
MAR	1 150	SEP	---
APR	49 700	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0 B	4.15B	2.55B	2.53B	2.52B	4.50B	524	192	182	188	35.8B	22.6B	1
2	11.7 B	3.90B	2.55B	2.53B	2.52B	5.50B	488	185	180	172	35.0B	22.3B	2
3	11.3 B	3.80B	2.55B	2.53B	2.52B	7.00B	459	178	179	181	34.4B	22.0B	3
4	11.2 B	3.70B	2.55B	2.53B	2.52B	8.50B	444	177	179	164	33.8B	21.7B	4
5	11.0 B	3.60B	2.55B	2.53B	2.51B	12.5 B	430	172	174	157	33.2B	21.4B	5
6	10.8 B	3.50B	2.55B	2.53B	2.51B	18.0 B	410	167	169	147	32.6B	21.1B	6
7	10.6 B	3.42B	2.55B	2.53B	2.51B	25.0 B	390	159	172	143	32.0B	20.8B	7
8	10.3 B	3.34B	2.55B	2.53B	2.51B	35.0 B	372	150	179	135	31.4B	20.4B	8
9	10.0 B	3.25B	2.55B	2.53B	2.51B	47.0 B	353	151	180	131	30.8B	20.0B	9
10	9.75B	3.16B	2.54B	2.52B	2.51B	63.0 B	338	148	176	103	30.0B	19.7B	10
11	9.50B	3.08B	2.54B	2.52B	2.51B	90.0 B	327	142	164	79.5	29.6B	19.5B	11
12	9.10B	3.00B	2.54B	2.52B	2.51B	140 B	315	139	154	68.0B	29.2B	19.3B	12
13	8.70B	2.96B	2.54B	2.52B	2.51B	210 B	300	135	148	62.5B	28.8B	19.1B	13
14	8.50B	2.91B	2.54B	2.52B	2.51B	290 B	280	132	145	60.0B	28.4B	18.9B	14
15	8.30B	2.87B	2.54B	2.52B	2.50B	380 B	267	132	142	57.0B	28.1B	18.6B	15
16	8.00B	2.83B	2.54B	2.52B	2.50B	550 B	251	128	142	55.0B	27.7B	18.4B	16
17	7.77B	2.79B	2.54B	2.52B	2.50B	743	236	124	149	52.0B	27.3B	18.2B	17
18	7.30B	2.75B	2.54B	2.52B	2.50B	763	226	133	149	50.0B	26.9B	18.0B	18
19	7.00B	2.71B	2.54B	2.52B	2.50B	741	219	139	157	48.5B	26.5B	17.8B	19
20	6.70B	2.67B	2.54B	2.52B	2.50B	698	212	142	158	47.0B	26.2B	17.5B	20
21	6.35B	2.63B	2.54B	2.52B	2.50B	675	209	160	154	45.5B	25.8B	17.2B	21
22	6.10B	2.59B	2.54B	2.52B	2.50B	682	209	178	160	44.4B	25.4B	17.0B	22
23	5.80B	2.55B	2.54B	2.52B	2.50B	691	205	188	183	43.3B	25.0B	16.8B	23
24	5.60B	2.55B	2.54B	2.52B	2.52B	753	199	193	216	42.2B	24.7B	16.6B	24
25	5.30B	2.55B	2.53B	2.52B	2.55B	780	194	195	244	41.1B	24.4B	16.4B	25
26	5.15B	2.55B	2.53B	2.52B	2.60B	728	212	194	238	40.0B	24.1B	16.1B	26
27	5.00B	2.55B	2.53B	2.52B	2.70B	664	227	193	226	39.3B	23.8B	15.9B	27
28	4.70B	2.55B	2.53B	2.52B	2.85B	623	227	193	218	38.6B	23.5B	15.7B	28
29	4.60B		2.53B	2.52B	3.00B	589	217	193	217	37.9B	23.2B	15.5B	29
30	4.40B		2.53B	2.52B	3.40B	556	210	188	202	37.2B	22.9B	15.3B	30
31	4.25B		2.53B		3.90B		201	186		36.5B		15.0B	31
TOTAL	246.77	84.91	78.76	75.69	81.20	11 572.00	9 151	5 086	5 336	2 546.5	850.5	574.8	TOTAL
MEAN	7.96	3.03	2.54	2.52	2.62	386	295	164	178	82.1	28.4	18.5	MEAN
MAX	12.0	4.15	2.55	2.53	3.90	780	524	195	244	188	35.8	22.6	MAX
MIN	4.25	2.55	2.53	2.52	2.50	4.50	194	124	142	36.5	22.9	15.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.8
MAXIMUM DAILY, 780 ON JUN 25
MINIMUM DAILY, 2.50B ON MAY 15
MAXIMUM INSTANTANEOUS,
805 AT 01:50 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 44 10 N
LONG 108 49 08 W
DRAINAGE AREA, 16 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 300	JUL	791 000
FEB	7 340	AUG	439 000
MAR	6 800	SEP	461 000
APR	6 540	OCT	220 000
MAY	7 020	NOV	73 500
JUN	1 000 000	DEC	49 700

TOTAL DISCHARGE, 3 080 000 dam³

NORTHWEST TERRITORIES

CABIN CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	3.77	0.552	0.175	0.050	0.078B	0B	0B	1
2	0B	0B	0B	0B	0 B	3.06	0.485	0.159	0.085	0.059B	0B	0B	2
3	0B	0B	0B	0B	0 B	2.57	0.417	0.146	0.114	0.046B	0B	0B	3
4	0B	0B	0B	0B	0 B	2.15	0.366	0.142	0.118	0.037B	0B	0B	4
5	0B	0B	0B	0B	0 B	1.84	0.328	0.132	0.115	0.031B	0B	0B	5
6	0B	0B	0B	0B	0 B	1.62	0.279	0.121	0.119	0.027B	0B	0B	6
7	0B	0B	0B	0B	0 B	1.40	0.235	0.112	0.134	0.024B	0B	0B	7
8	0B	0B	0B	0B	0 B	1.29	0.209	0.100	0.154	0.021B	0B	0B	8
9	0B	0B	0B	0B	0 B	1.24	0.192	0.091	0.171	0.019B	0B	0B	9
10	0B	0B	0B	0B	0 B	1.27	0.210	0.085	0.178	0.016B	0B	0B	10
11	0B	0B	0B	0B	0 B	1.31	0.753	0.080	0.186	0.013B	0B	0B	11
12	0B	0B	0B	0B	0 B	1.33	1.94	0.075	0.187	0.011B	0B	0B	12
13	0B	0B	0B	0B	0 B	1.34	2.72	0.069	0.187	0.009B	0B	0B	13
14	0B	0B	0B	0B	0 B	1.35	2.32	0.061	0.186	0.007B	0B	0B	14
15	0B	0B	0B	0B	0 B	1.36	2.04	0.056	0.183	0.005B	0B	0B	15
16	0B	0B	0B	0B	0 B	1.31	1.76	0.050	0.176	0.004B	0B	0B	16
17	0B	0B	0B	0B	0 B	1.28	1.49	0.043	0.162	0.003B	0B	0B	17
18	0B	0B	0B	0B	0.040B	1.23	1.31	0.039	0.140	0.002B	0B	0B	18
19	0B	0B	0B	0B	0.129B	1.16	1.10	0.037	0.123	0.001B	0B	0B	19
20	0B	0B	0B	0B	0.240B	1.08	0.920	0.035	0.114	0 B	0B	0B	20
21	0B	0B	0B	0B	0.400B	1.01	0.766	0.034	0.110	0 B	0B	0B	21
22	0B	0B	0B	0B	1.10 B	0.959	0.666	0.034	0.106A	0 B	0B	0B	22
23	0B	0B	0B	0B	2.80 B	1.09	0.608	0.035	0.109E	0 B	0B	0B	23
24	0B	0B	0B	0B	8.50 B	1.37	0.550	0.034	0.118E	0 B	0B	0B	24
25	0B	0B	0B	0B	13.3 B	1.10	0.486	0.034	0.128E	0 B	0B	0B	25
26	0B	0B	0B	0B	17.7 B	0.968	0.418	0.035	0.126A	0 B	0B	0B	26
27	0B	0B	0B	0B	16.3 B	0.855	0.361	0.037	0.111	0 B	0B	0B	27
28	0B	0B	0B	0B	10.6	0.763	0.307	0.041	0.110	0 B	0B	0B	28
29	0B		0B	0B	7.64	0.680	0.260	0.046	0.105	0 B	0B	0B	29
30	0B		0B	0B	5.83	0.615	0.222	0.048	0.092	0 B	0B	0B	30
31	0B		0B		4.68		0.197	0.047		0 B		0B	31
TOTAL	0	0	0	0	89.259	42.370	24.467	2.233	3.997	0.413	0	0	TOTAL
MEAN	0	0	0	0	2.88	1.41	0.789	0.072	0.133	0.013	0	0	MEAN
MAX	0	0	0	0	17.7	3.77	2.72	0.175	0.187	0.078	0	0	MAX
MIN	0	0	0	0	0	0.615	0.192	0.034	0.050	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.446
MAXIMUM DAILY, 17.7B ON MAY 26
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
21.1B AT 07:32 MST ON MAY 26

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 15 38 N
LONG 133 15 18 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	2 110
FEB	0	AUG	193
MAR	0	SEP	345
APR	0	OCT	35.7
MAY	7 710	NOV	0
JUN	3 660	DEC	0

TOTAL DISCHARGE, 14 100 dam³

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.70E	3.31E	3.03	2.65	2.42	5.86	7.58	10.3 A	8.91	8.56	8.90	7.78	1
2	3.70E	3.26E	3.00	2.71	2.45	5.97	7.52A	10.5 E	8.70	8.55	8.91	7.76	2
3	3.69E	3.22E	2.95	2.73	2.45	6.06	7.51	10.7 E	8.63	8.43	8.92	7.76	3
4	3.69E	3.18E	2.97	2.67	2.53	5.96	7.40	11.0 A	8.70	8.46	8.84	7.94	4
5	3.68E	3.15E	3.03	2.67	2.57	5.99	7.58	10.8	8.73	8.45	8.85	8.00	5
6	3.68E	3.15E	3.02	2.56	2.63	6.00	7.74	10.7	8.70	8.50	8.89	8.00	6
7	3.67E	3.15E	3.00	2.48	2.76	6.22	7.81	10.5	8.37	8.38	8.87	8.10	7
8	3.67E	3.12E	2.92	2.47	2.91	6.47	7.78	10.4	8.51	8.38	8.79	8.19	8
9	3.66E	3.07E	2.88	2.48	3.04	6.65	7.57	10.1	8.54	8.27	8.78	8.20	9
10	3.66E	3.02E	2.85	2.47	3.17	6.59	7.43	9.95	8.48	8.23	8.58	8.20	10
11	3.65E	2.99E	2.81	2.43	3.36	6.78	7.21	9.80	8.56	8.34	8.39	8.19	11
12	3.65A	2.96E	2.88	2.38	3.47	6.74	7.03A	9.76	8.64	8.46	8.27	8.18	12
13	3.62	2.94E	2.91	2.40	3.66	6.87	7.20	9.56	8.62	8.20A	8.29	8.17	13
14	3.61	2.92A	2.92	2.39	3.76	6.96	7.72	9.40	8.69	7.84A	8.37	8.16	14
15	3.62	2.93	2.90	2.38	3.87	7.03	8.07	9.20	8.74	7.80	8.40	8.17	15
16	3.62	2.98	2.82	2.38	4.02	7.20	8.26	9.04	8.58	8.00	8.50	8.18	16
17	3.63	2.99	2.85	2.40	4.10	7.28	8.26A	8.94	8.33	8.17	8.43	8.18	17
18	3.63	3.02	2.81	2.36	4.17	7.17	8.35	8.73	8.59	8.30	8.30	8.17	18
19	3.64	3.05	2.75	2.34	4.22	7.33	8.49A	8.67	8.56	8.24	8.13	8.12	19
20	3.66	3.08	2.72	2.35	4.24	7.38	8.50	8.57	8.43	8.22	8.05	8.13	20
21	3.66	3.05	2.64	2.36	4.38	7.17	8.43	8.46	8.48	8.28	7.95	8.12	21
22	3.65	3.03	2.63	2.45	4.64	7.41	8.48	8.61	8.35	8.27	7.91	8.09	22
23	3.63	3.02	2.62	2.50	4.78	7.56	8.67A	8.91	8.49	8.21	7.93	8.02E	23
24	3.64	3.01	2.62	2.44	4.80	7.71	8.79	8.91A	8.28	8.78	7.93	7.94E	24
25	3.66	3.01	2.57	2.44	5.03	7.72	9.04	8.89A	8.37	8.91	7.88	7.87E	25
26	3.64A	3.00	2.58	2.43	5.16	7.73	9.20	8.87	8.69	8.72	7.89	7.79E	26
27	3.57E	3.01	2.59	2.41	5.34	7.69	9.33A	8.94A	8.75	8.68	7.84	7.72E	27
28	3.51E	3.04	2.61	2.44	5.47	7.56	9.67	8.73	8.91	8.78	7.82	7.64E	28
29	3.45E		2.61	2.43	5.63	7.54A	9.90	8.71	8.34	8.91	7.83	7.57E	29
30	3.40E		2.70	2.39	5.66	7.66	9.93	8.79	8.27	8.95	7.82	7.49E	30
31	3.35E		2.66		5.84		9.95	8.92		8.96		7.42E	31
TOTAL	112.29	85.66	86.85	73.99	122.49	208.26	256.40	293.36	256.94	261.23	250.26	247.25	TOTAL
MEAN	3.62	3.06	2.80	2.47	3.95	6.94	8.27	9.46	8.56	8.43	8.34	7.98	MEAN
MAX	3.70	3.31	3.03	2.73	5.84	7.73	9.95	11.0	8.91	8.96	8.92	8.20	MAX
MIN	3.35	2.92	2.57	2.34	2.41	5.86	7.03	8.46	8.27	7.80	7.82	7.42	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.18
MAXIMUM DAILY, 11.0A ON AUG 04
MINIMUM DAILY, 2.34 ON APR 19

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 59 40 N
LONG 113 17 05 W
DRAINAGE AREA, 3 630 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 700	JUL	22 200
FEB	7 400	AUG	25 300
MAR	7 500	SEP	22 200
APR	6 390	OCT	22 600
MAY	10 600	NOV	21 600
JUN	18 000	DEC	21 400

TOTAL DISCHARGE, 195 000 dam³

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	102	92.2	85.6	77.2	70.9	81.4E	103 A	98.9	98.5	95.1	91.2	89.6	1
2	102	91.8	85.3	77.5	70.8	82.2E	104 E	98.5	96.5	94.7	91.7	89.5	2
3	102	91.8	84.9	77.8	70.6	83.0E	105 A	98.0	97.2	94.4	91.9	89.4	3
4	102	91.9	84.4	77.7	70.4	83.9E	101	98.1	97.2	94.3	91.9	89.4	4
5	101	91.8	84.3	77.5	70.2	84.7A	101	98.6	97.9	94.0	92.3	89.8	5
6	101	91.6	84.5	77.2	70.0	85.5	103	98.7	99.2	93.5	91.7	89.3	6
7	101	91.3	84.3	77.0	69.9	86.4	104	96.7	98.1	93.4	90.5	88.9	7
8	100	91.0	83.8	76.7	69.8	86.4	105	98.4	97.7A	93.3	90.5	88.9	8
9	100	90.7	83.3	76.3	69.5	86.7	107	99.5	96.5A	91.2	90.4	88.8	9
10	100	90.5	83.0	76.0	69.4	88.4	108	99.3	95.7	91.5	90.3	88.5	10
11	100	90.4	82.8	75.6	69.3	88.9	107	99.3	96.3	92.7	90.7	88.2	11
12	99.9	90.4	82.5	75.2	69.1	89.0	105	98.7	96.7A	92.3	90.8	88.5	12
13	99.5	90.3	82.4	75.1	68.8	89.3	103	98.2	95.8E	91.9	91.0	88.4	13
14	99.1	90.0	82.6	74.7	68.5	89.5	102	98.0	94.6E	91.5	91.2	88.0	14
15	98.9	89.5	82.2	74.4	68.3	90.2	102	98.5	94.2E	91.3	91.1	87.6	15
16	98.7	88.9	81.8	74.0	68.1	91.3	103	99.8	93.8A	91.4	91.1	87.5	16
17	98.4	88.3	81.5	73.7	67.9	92.1	102	100	93.8E	91.6	91.6	87.6	17
18	96.8	87.7	81.2	73.5	67.6	93.2	103	100	94.2A	91.2	91.4	87.4	18
19	96.6	87.7	81.0	73.3	67.4	93.7A	103	100	95.1A	91.0	91.5	87.2	19
20	95.9	87.7	80.8	73.2	67.2	94.1A	103	101	95.2E	92.0	91.3	87.3	20
21	95.5	87.8	80.6	73.0	66.9	94.4E	104	101	95.0E	92.1	90.3	87.4	21
22	95.1	87.8	80.2	72.8	66.7	94.7E	103	100	94.9E	92.0	89.8	87.5	22
23	95.1	87.5	79.6	72.6	67.5	94.8E	103	100	94.6A	91.9	90.2	87.3	23
24	95.1	87.2	79.1	72.4	68.4	95.0A	103	101	93.7	90.9	90.0	87.0	24
25	94.9	86.9	78.9	72.0	69.9	96.4	102	99.4	94.4	92.3	89.8	86.7	25
26	94.6	86.7	78.7	72.1	71.7	97.9	99.7	98.9A	96.0	90.8	89.5	86.4	26
27	94.2	86.7	78.4	71.9	74.9	99.4	100	98.0A	96.9	90.7	89.2	86.4	27
28	93.7	86.3	78.2	71.5	78.5	103	101	98.0E	97.7	90.4	89.1	86.2	28
29	93.3		78.0	71.0	78.9	103	102	97.9E	96.1	91.3	89.2	86.1	29
30	92.9		77.6	70.9	79.7E	103	101	98.5	95.3	91.6	89.6	86.0	30
31	92.5		77.2		80.6E		101	98.1A		91.4		85.7	31
TOTAL	3 030.9	2 502.4	2 528.7	2 233.8	2 187.4	2 741.5	3 193.7	3 070.8	2 878.8	2 857.7	2 720.8	2 722.5	TOTAL
MEAN	97.8	89.4	81.6	74.5	70.6	91.4	103	99.1	96.0	92.2	90.7	87.8	MEAN
MAX	102	92.2	85.6	77.8	80.6	103	108	101	99.2	95.1	92.3	89.8	MAX
MIN	92.5	86.3	77.2	70.9	66.7	81.4	99.7	96.7	93.7	90.4	89.1	85.7	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.5
MAXIMUM DAILY, 108 ON JUL 10
MINIMUM DAILY, 66.7 ON MAY 22
MAXIMUM INSTANTANEOUS,
110 AT 17:00 MST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 36 24 N
LONG 117 45 56 W
DRAINAGE AREA, 31 100 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	262 000	JUL	276 000
FEB	216 000	AUG	265 000
MAR	218 000	SEP	249 000
APR	193 000	OCT	247 000
MAY	189 000	NOV	235 000
JUN	237 000	DEC	235 000

TOTAL DISCHARGE, 2 820 000 dam³

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.4B	10.1 B	9.39B	9.04B	23.0B	367	211	77.7	98.8	140	33.2B	20.5B	1
2	12.3B	10.1 B	9.37B	9.04B	25.1B	219	177	103	95.7	134	32.5B	20.2B	2
3	12.2B	10.0 B	9.34B	9.04B	28.0B	159	155	90.2	95.1	127	31.9B	20.0B	3
4	12.1B	10.0 B	9.32B	9.04B	31.8B	145	138	84.1	93.9	118	31.2B	19.7B	4
5	12.0B	10.0 P	9.30B	9.06B	35.5B	205	125	89.1	89.7	104	30.7B	19.5B	5
6	11.9B	9.96B	9.28B	9.10B	41.6B	180	114	88.2	87.4	82.0B	30.0B	19.2B	6
7	11.8B	9.90B	9.26B	9.19B	49.0B	109	105	89.7	88.2	75.0B	29.6B	18.9B	7
8	11.7B	9.83B	9.25B	9.23B	62.0B	85.0	99.1	106	90.4	70.0B	29.0B	18.7B	8
9	11.6B	9.80B	9.24B	9.28B	78.0B	81.9	108	109	90.9	66.0B	28.5B	18.5B	9
10	11.5B	9.78B	9.23B	9.35B	100 B	95.2	107	97.8	89.4	63.0B	28.0B	18.2B	10
11	11.4B	9.77B	9.22B	9.41B	135 B	96.4	97.6	87.8	86.1	59.6B	27.5B	18.0B	11
12	11.3B	9.72B	9.21B	9.52B	171 B	161	87.1	83.9	81.4	57.2B	27.0B	17.8B	12
13	11.2B	9.68B	9.21B	9.65B	192 B	188	80.6	94.1	79.2	54.9B	26.6B	17.6B	13
14	11.2B	9.65B	9.21B	9.80B	185 B	123	75.7	93.4	77.7	52.8B	26.1B	17.4B	14
15	11.1B	9.62B	9.20B	9.96B	173	109	74.4	85.3	77.6	51.0B	25.8B	17.2B	15
16	11.0B	9.60B	9.20B	10.2 B	163	213	74.6	79.4	223	49.7B	25.3B	17.0B	16
17	11.0B	9.59B	9.20B	10.3 B	177	302	78.6	76.8	308	48.0B	25.0B	16.8B	17
18	10.9B	9.58B	9.20B	10.5 B	185	224	74.7	93.5	235	46.7B	24.6B	16.6B	18
19	10.8B	9.54B	9.20E	10.7 B	156	252	67.3	111	196	45.2B	24.2B	16.4B	19
20	10.7B	9.50B	9.19B	11.1 B	137	247	63.1	115	170	44.2B	23.8B	16.3B	20
21	10.6B	9.48B	9.19B	11.5 B	124	240	60.0	124	152	42.8B	23.4B	16.1B	21
22	10.6B	9.47B	9.19B	12.0 B	138	164	57.8	147	156	41.9B	23.1B	16.0B	22
23	10.5B	9.46B	9.18B	12.5 B	193	142	57.0	141	159	40.5B	22.9B	15.8B	23
24	10.5B	9.43B	9.16B	13.1 B	166	600	55.7	123	159	39.8B	22.5B	15.6B	24
25	10.4B	9.41B	9.13B	13.9 B	129	1 930	53.9	112	152	38.8B	22.2B	15.4B	25
26	10.4B	9.40B	9.12B	15.0 B	224	1 440	54.8	102	145	37.9B	22.0B	15.2B	26
27	10.3B	9.40B	9.11B	16.0 B	413	573	70.3	96.1	139	36.9B	21.7B	15.1B	27
28	10.3B	9.40B	9.10B	17.3 B	536	434	83.1	91.8	131	36.1B	21.4B	15.0B	28
29	10.2B		9.08B	19.1 B	605	345	77.6	97.3	144	35.2B	21.1B	14.9B	29
30	10.2B		9.06B	20.6 B	657	265	74.5	103	147	34.6B	20.8B	14.7B	30
31	10.2B		9.05B		626		69.9	103		34.0B		14.6B	31
TOTAL	344.3	271.17	285.39	343.51	5 959.0	9 694.5	2 827.4	3 095.2	3 939.5	1 906.8	781.6	532.9	TOTAL
MEAN	11.1	9.68	9.21	11.5	192	323	91.2	99.8	131	61.5	26.1	17.2	MEAN
MAX	12.4	10.1	9.39	20.6	657	1 930	211	147	308	140	33.2	20.5	MAX
MIN	10.2	9.40	9.05	9.04	23.0	81.9	53.9	76.8	77.6	34.0	20.8	14.6	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 82.1
MAXIMUM DAILY, 1 930 ON JUN 25
MINIMUM DAILY, 9.04B ON APR 01
MAXIMUM INSTANTANEOUS,
2 520 AT 20:17 MST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 17 52 N
LONG 127 41 05 W
DRAINAGE AREA, 7 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 700	JUL	244 000
FEB	23 400	AUG	267 000
MAR	24 700	SEP	340 000
APR	29 700	OCT	165 000
MAY	515 000	NOV	67 500
JUN	838 000	DEC	46 000

TOTAL DISCHARGE, 2 590 000 dam³

NORTHWEST TERRITORIES

CARIBOU CREEK ABOVE HIGHWAY NO. 8 - STATION NO. 10LC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.310B	0.091B	0.028B	0B	0 B	11.0	3.89	2.46	1.57	1.58 B	1.08B	1.23 B	1
2	0.280B	0.090B	0.024B	0B	0 B	9.35	3.49	2.34	1.58	1.51 B	1.13B	1.22 B	2
3	0.252B	0.090B	0.020B	0B	0 B	8.23	3.14	2.28	1.60	1.46 B	1.16B	1.20 B	3
4	0.233B	0.090B	0.016B	0B	0 B	7.36	2.90	2.28	1.61	1.43 B	1.18B	1.18 B	4
5	0.217B	0.089B	0.012B	0B	0 B	6.70	2.68	2.27	1.65	1.40 B	1.21B	1.16 B	5
6	0.202B	0.088B	0.009B	0B	0 B	6.11	2.46	2.26	1.68	1.35 B	1.23B	1.14 B	6
7	0.180B	0.087B	0.007B	0B	0 B	5.69	2.31A	2.22	1.81	1.29 B	1.25B	1.11 B	7
8	0.162B	0.086B	0.005B	0B	0 B	5.51A	2.30E	2.18	1.93	1.23 B	1.27B	1.11 B	8
9	0.148B	0.085B	0.003B	0B	0 B	5.35E	2.50E	2.15	2.02	1.17 B	1.29B	1.09 B	9
10	0.134B	0.084B	0.002B	0B	0 B	5.25E	3.00E	2.08	2.02	1.10 B	1.31B	1.07 B	10
11	0.123B	0.082B	0.001B	0B	0 B	5.10E	4.60E	2.06	1.99	0.972B	1.32B	1.05 B	11
12	0.117B	0.080B	0.001B	0B	0 B	5.00E	6.80E	2.04	1.96	0.900B	1.33B	1.03 B	12
13	0.110B	0.078B	0 B	0B	0 B	4.94E	7.06A	2.02	2.01	0.800B	1.34B	1.01 B	13
14	0.105B	0.076B	0 B	0B	0 B	4.87A	6.21A	1.99	1.99	0.680B	1.35B	0.990B	14
15	0.102B	0.074B	0 B	0B	0.030B	4.75	5.73A	1.94	1.94	0.570B	1.35B	0.970B	15
16	0.100B	0.071B	0 B	0B	0.200B	4.59	5.13A	1.91	1.88	0.490B	1.35B	0.950B	16
17	0.098B	0.068B	0 B	0B	0.400B	4.51	4.68	1.85	1.80	0.410B	1.35B	0.930B	17
18	0.097B	0.065B	0 B	0B	1.20 B	4.46	4.28	1.79	1.84	0.390B	1.34B	0.900B	18
19	0.096B	0.062B	0 B	0B	2.66 B	4.55	3.96	1.77	1.86	0.400B	1.34B	0.880B	19
20	0.095B	0.059B	0 B	0B	3.40 B	5.08	3.69	1.76	1.84	0.420B	1.34B	0.860B	20
21	0.095B	0.056B	0 B	0B	4.20 B	5.24	3.41	1.72	1.80	0.460B	1.33B	0.840B	21
22	0.095B	0.053B	0 B	0B	5.03 B	6.07	3.32	1.65	1.78	0.520B	1.33B	0.820B	22
23	0.094B	0.050B	0 B	0B	7.00 B	7.78	3.23	1.58	1.94	0.590B	1.33B	0.800B	23
24	0.094B	0.047B	0 B	0B	15.0 B	8.01	3.20	1.58	1.93	0.650B	1.32B	0.780B	24
25	0.094B	0.043B	0 B	0B	24.0 B	7.05	3.17	1.59	1.97	0.710B	1.31B	0.760B	25
26	0.093B	0.039B	0 B	0B	24.8 B	6.31	3.08	1.55	1.89	0.790B	1.30B	0.740B	26
27	0.093B	0.036B	0 B	0B	23.4 B	5.65	2.89	1.61	1.82	0.850B	1.28B	0.720B	27
28	0.092B	0.032B	0 B	0B	22.0 A	5.09	2.78	1.60	1.86	0.910B	1.27B	0.700B	28
29	0.092B		0 B	0B	19.2	4.63	2.73	1.61	1.87	0.960B	1.26B	0.680B	29
30	0.092B		0 B	0B	15.7	4.23	2.65	1.61	1.76	1.01 B	1.25B	0.660B	30
31	0.091B		0 B		13.0		2.56	1.60		1.04 B		0.640B	31
TOTAL	4.186	1.951	0.128	0	181.120	180.46	113.83	59.35	55.20	28.042	38.50	29.240	TOTAL
MEAN	0.135	0.070	0.004	0	5.84	6.02	3.67	1.91	1.84	0.905	1.28	0.943	MEAN
MAX	0.310	0.091	0.028	0	24.8	11.0	7.06	2.46	2.02	1.58	1.35	1.23	MAX
MIN	0.091	0.032	0	0	0	4.23	2.30	1.55	1.57	0.390	1.08	0.640	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.90
MAXIMUM DAILY, 24.8B ON MAY 26
MINIMUM DAILY, 0B ON MAR 13

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 05 23 N
LONG 133 29 24 W
DRAINAGE AREA, 625 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	362	JUL	9 830
FEB	169	AUG	5 130
MAR	11.1	SEP	4 770
APR	0	OCT	2 420
MAY	15 600	NOV	3 330
JUN	15 600	DEC	2 530

TOTAL DISCHARGE, 59 800 dam³

CARNWATH RIVER BELOW ANDREW RIVER - STATION NO. 10NA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.995B	0.290B	0.062B	0.006B	0 B	836	131	66.1	21.0	10.6 B	3.40 B	0.890B	1
2	0.962B	0.275B	0.058B	0.005B	0 B	650	123	63.4	20.2	9.95B	3.28 B	0.835B	2
3	0.928B	0.262B	0.055B	0.005B	0 B	510	115	60.7	19.7	9.40B	3.17 B	0.790B	3
4	0.898B	0.250B	0.052B	0.004B	0 B	410	109	58.5	19.3	9.00B	3.05 B	0.742B	4
5	0.868B	0.239B	0.049B	0.003B	0 B	346	103	56.6	19.0	8.65B	2.94 B	0.702B	5
6	0.840B	0.228B	0.046B	0.003B	0 B	303	95.7	54.8	18.4	8.35B	2.83 B	0.660B	6
7	0.810B	0.217B	0.043B	0.002B	0 B	272	89.8	52.7	17.9	8.05B	2.71 B	0.615B	7
8	0.781B	0.206B	0.040B	0.002B	0 B	249	84.5	50.4	17.9	7.75B	2.61 B	0.580B	8
9	0.750B	0.196B	0.038B	0.001B	0 B	235	79.9	48.0	17.7	7.45B	2.51 B	0.540B	9
10	0.728B	0.187B	0.036B	0.001B	0 B	221	78.8	46.3	17.3	7.20B	2.41 B	0.505B	10
11	0.700B	0.178B	0.034B	0 B	0 B	211	82.8	44.8	16.9	6.90B	2.31 B	0.475B	11
12	0.675B	0.169B	0.033B	0 B	0 B	203	98.7	43.3	16.7	6.64B	2.22 B	0.444B	12
13	0.650B	0.160B	0.031B	0 B	0 B	197	140	41.7	16.3	6.40B	2.13 B	0.420B	13
14	0.625B	0.151B	0.029B	0 B	0 B	190	183	40.5	15.7	6.25B	2.04 B	0.390B	14
15	0.600B	0.144B	0.028B	0 B	0 B	182	208	39.2	15.4	6.00B	1.96 B	0.365B	15
16	0.575B	0.137B	0.026B	0 B	0 B	174	211	37.5	14.5	5.80B	1.87 B	0.338B	16
17	0.552B	0.130B	0.025B	0 B	0 B	166	205	35.9	14.2	5.62B	1.79 B	0.316B	17
18	0.532B	0.122B	0.024B	0 B	0 B	160	188	34.6	14.4	5.45B	1.70 B	0.290B	18
19	0.510B	0.117B	0.023B	0 B	0 B	163	171	33.1	14.2	5.28B	1.64 B	0.270B	19
20	0.488B	0.110B	0.022B	0 B	0 B	173	154	31.8	14.1	5.10B	1.57 B	0.249B	20
21	0.468B	0.104B	0.021B	0 B	0 B	189	138	30.2	13.6	4.95B	1.50 B	0.230B	21
22	0.448B	0.099B	0.019B	0 B	0.100B	202	124	29.0	13.4	4.80B	1.42 B	0.215B	22
23	0.430B	0.094B	0.018B	0 B	1.00 B	205	116	28.0	13.4	4.60B	1.36 B	0.195B	23
24	0.412B	0.088B	0.016B	0 B	2.10 B	193	108	26.6	13.4	4.42B	1.29 B	0.180B	24
25	0.395B	0.083B	0.014B	0 B	3.50 B	181	101	25.5	13.2	4.30B	1.21 B	0.167B	25
26	0.380B	0.078B	0.013B	0 B	8.00 B	172	94.3	24.8	12.8	4.22B	1.16 B	0.152B	26
27	0.362B	0.074B	0.012B	0 B	44.0 B	164	88.4	24.3	12.6	4.02B	1.10 B	0.140B	27
28	0.348B	0.070B	0.011B	0 B	230 B	155	83.0	23.9	12.5	3.90B	1.04 B	0.130B	28
29	0.330B		0.009B	0 B	1 210	147	78.3	22.8	12.2	3.78B	0.990B	0.120B	29
30	0.316B		0.008B	0 B	1 220	139	74.0	22.3	11.5B	3.63B	0.940B	0.110B	30
31	0.302B		0.007B		1 050		70.3	22.0		3.52B		0.100B	31
TOTAL	18.658	4.458	0.902	0.032	3 768.700	7 598	3 726.5	1 219.3	469.4	191.98	60.150	12.152	TOTAL
MEAN	0.602	0.159	0.029	0.001	122	253	120	39.3	15.6	6.19	2.01	0.392	MEAN
MAX	0.995	0.290	0.062	0.006	1 220	836	211	66.1	21.0	10.6	3.40	0.890	MAX
MIN	0.302	0.070	0.007	0	0	139	70.3	22.0	11.5	3.52	0.940	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.8
MAXIMUM DAILY, 1 220 ON MAY 30
MINIMUM DAILY, 0B ON APR 11

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 23 33 N
LONG 128 56 59 W
DRAINAGE AREA, 21 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 610	JUL	322 000
FEB	385	AUG	102 000
MAR	77.9	SEP	40 600
APR	2.76	OCT	16 600
MAY	326 000	NOV	5 200
JUN	656 000	DEC	1 050

TOTAL DISCHARGE, 1 470 000 dam³

COPPERMINE RIVER ABOVE COPPER CREEK - STATION NO. 10PC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108 B	88.0B	70.7B	61.3B	57.3B	56.2B	411	332	259E	315	179B	148B	1
2	108 B	87.2B	70.0B	61.1B	57.2B	57.5B	409	330	258E	311	178B	147B	2
3	107 B	86.4B	69.7B	60.9B	57.0B	60.0B	404	327	257E	303	176B	146B	3
4	106 B	85.9B	69.4B	60.7B	56.9B	67.0B	402	324	256E	298	175B	145B	4
5	106 B	85.3B	69.1B	60.4B	56.7B	79.5B	398	324	256E	293	174B	144B	5
6	105 B	84.7B	68.9B	60.2B	56.6B	91.0B	395	323	256E	287	173B	143B	6
7	105 B	84.1B	68.6B	60.0B	56.4B	109 B	393	320	255E	283	172B	142B	7
8	104 B	83.6B	68.3B	59.9B	56.3B	129 B	388	315	255E	280	171B	141B	8
9	103 B	82.9B	68.0B	59.8B	56.1B	153 B	384	309	255E	275	170B	140B	9
10	102 B	82.1B	67.7B	59.6B	56.0B	190 B	381	305	254E	273	169B	139B	10
11	101 B	81.4B	67.3B	59.5B	55.9B	218 B	377	304	254E	254	168B	138B	11
12	101 B	80.7B	67.0B	59.4B	55.8B	254 B	368	301	253E	213	167B	137B	12
13	100 B	80.0B	66.6B	59.3B	55.7B	301 B	372	298	253E	170	166B	136B	13
14	99.9B	79.4B	66.3B	59.2B	55.6B	346 B	376	293	254A	190	165B	136B	14
15	99.0B	78.8B	65.9B	59.1B	55.5B	397 B	372	291A	249	208	164B	135B	15
16	98.5B	78.2B	65.6B	58.9B	55.4B	495	368	290A	251	[illegible]	163B	134B	16
17	97.8B	77.6B	65.4B	58.8B	55.3B	510	361	287E	255	218	162B	133B	17
18	97.2B	77.0B	65.1B	58.7B	55.2B	518	355	285E	256	243	161B	132B	18
19	96.5B	76.5B	64.8B	58.6B	55.2B	507	352	282E	261	252	160B	131B	19
20	95.9B	75.9B	64.5B	58.5B	55.1B	484	351	279E	266	266	159B	130B	20
21	95.2B	75.2B	64.3B	58.4B	55.0B	463	346	277E	268	276	158B	129B	21
22	94.5B	74.6B	64.0B	58.3B	54.9B	448	346	275E	273	268	157B	128B	22
23	93.9B	74.3B	63.7B	58.2B	54.8B	442	345	273E	285	272	156B	127B	23
24	93.1B	73.9B	63.4B	58.2B	54.7B	439	341	271E	299	267	155B	126B	24
25	92.4B	73.5B	63.1B	58.1B	54.6B	428	347	269E	345	258A	154B	125B	25
26	91.7B	72.8B	62.9B	58.0B	54.5B	420	348	268E	346	224B	153B	124B	26
27	91.1B	72.4B	62.6B	57.9B	54.4B	428	345	266E	340	161B	152B	123B	27
28	90.5B	72.0B	62.3E	57.8B	54.3B	420	343	265E	331	162B	151B	122B	28
29	90.0B		62.0B	57.6B	54.4B	422	341	263E	331	166B	150B	121B	29
30	89.3B		61.8B	57.5B	54.8B	416	338	262E	318	172B	149B	120B	30
31	88.6B		61.6B		55.2B		334	260E		175B		119B	31
TOTAL	3 051.1	2 224.4	2 040.6	1 773.9	1 722.8	9 348.2	11 391	9 068	8 249	7 538	4 907	4 141	TOTAL
MEAN	98.4	79.4	65.8	59.1	55.6	312	367	293	275	243	164	134	MEAN
MAX	108	88.0	70.7	61.3	57.3	518	411	332	346	315	179	148	MAX
MIN	88.6	72.0	61.6	57.5	54.3	56.2	334	260	249	161	149	119	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 179
MAXIMUM DAILY, 518 ON JUN 18
MINIMUM DAILY, 54.3B ON MAY 28
MAXIMUM INSTANTANEOUS,
530 AT 18:28 MST ON JUN 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 41 N
LONG 115 53 17 W
DRAINAGE AREA, 46 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	264 000	JUL	984 000
FEB	192 000	AUG	783 000
MAR	176 000	SEP	713 000
APR	153 000	OCT	651 000
MAY	149 000	NOV	424 000
JUN	808 000	DEC	358 000

TOTAL DISCHARGE, 5 660 000 dam³

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	65.8	55.7E	43.6	37.3	34.1	41.8	140	191	167	137	112	86.6	1
2	65.7	55.1E	43.4	37.1	33.9	43.1	144	190	170	137	110	85.7	2
3	65.7	54.5E	43.5	36.9	33.8	45.4	148	187	168	136	108	85.0	3
4	65.4	54.0E	43.2	36.5A	33.7	47.7	153	187	167	135	107	85.0	4
5	64.5	53.4E	42.8	36.4E	33.7	49.7	156	187	164	133	107	84.2	5
6	64.2	52.8E	42.0	36.6E	33.6	51.8	159	186	163	132	106	83.6	6
7	63.7	52.3E	42.0	36.6E	33.5	54.0	163	187	164	131	106	82.6	7
8	63.2	51.7E	42.1	36.4A	33.6	56.1	166	184	161	130	106	82.2	8
9	62.8	51.1E	42.1	36.3	33.7	58.5	169	184	160	133	106	82.0	9
10	62.5	50.5E	41.7	36.2	33.8	60.9	173	183	158	131	106	81.8	10
11	62.1	50.0E	41.1	35.8	33.4	63.4	178	182	154	127	102	80.3	11
12	61.7	49.4E	41.0	35.5	33.3	66.2	180	182	154	126	101	79.3	12
13	61.3	48.8E	41.0	35.6	33.3	68.1	179	181	154	126	99.7	79.3	13
14	60.9	48.3E	40.4	35.6	33.3	70.0	181	179	154	125	99.5	79.2	14
15	60.6	47.7E	39.9	35.7	33.3	72.5	183	176	153	125	99.6	78.9	15
16	60.5	47.1E	39.5	35.2	33.3	75.2	184	173	153	123	99.6	76.7	16
17	60.5	46.5E	39.4	35.0	33.3	78.4	186	171	153	122	99.4	76.7	17
18	60.4	46.0E	39.5	35.0	33.3	81.6	187	178	150	121	97.2	76.1	18
19	60.1	45.4E	38.6	34.9	33.2	84.6	188	174	149	120	95.8	75.8	19
20	59.9	44.8E	38.0	34.8	33.1	87.7	189	180	148	120	94.8	74.8	20
21	59.6	44.3A	37.8	34.7	33.2	91.4	192	180	147	119	94.7	73.9	21
22	59.3	44.2E	37.5	34.6	33.3	95.1	193	178	148	119	93.9	73.9	22
23	59.0	44.2E	37.5	34.5	33.3	99.2	193	177	144	117	93.3	73.2	23
24	58.8	44.2E	37.2	34.3	33.5	104	193	176	146	118	92.3	72.3	24
25	58.7	44.1A	37.0	34.1	33.7	111	194	174	145	118	92.0	71.1	25
26	58.6	44.0	37.2	33.9	33.7	116	192	172	144	118	90.6	70.6	26
27	58.6A	43.7	37.3	34.0	33.5	121	190	170	142	118	89.9	69.9	27
28	58.0E	44.1	37.6	34.3	33.3	126	191	173	138	118	88.9	69.3	28
29	57.4E		37.4	34.4	33.8	131	191	170	141	116	88.6	68.6	29
30	56.8E		37.0	34.3	36.6	135	190	170	139	115	88.5	68.5	30
31	56.3E		37.2		40.1		190	168		114		67.9	31
TOTAL	1 892.6	1 357.9	1 235.5	1 062.5	1 048.2	2 386.4	5 515	5 550	4 598	3 860	2 975.3	2 395.0	TOTAL
MEAN	61.1	48.5	39.9	35.4	33.8	79.5	178	179	153	125	99.2	77.3	MEAN
MAX	65.8	55.7	43.6	37.3	40.1	135	194	191	170	137	112	86.6	MAX
MIN	56.3	43.7	37.0	33.9	33.1	41.8	140	168	138	114	88.5	67.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.8
MAXIMUM DAILY, 194 ON JUL 25
MINIMUM DAILY, 33.1 ON MAY 20
MAXIMUM INSTANTANEOUS,
194 AT 20:20 MST ON JUL 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 24 48 N
LONG 114 00 14 W
DRAINAGE AREA, 19 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	164 000	JUL	476 000
FEB	117 000	AUG	480 000
MAR	107 000	SEP	397 000
APR	91 800	OCT	334 000
MAY	90 600	NOV	257 000
JUN	206 000	DEC	207 000

TOTAL DISCHARGE, 2 930 000 dam³

NORTHWEST TERRITORIES

DIANA RIVER NEAR RANKIN INLET - STATION NO. 06NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	47.1	35.7	22.3	16.4	4.09 B	0.600B	1
2	0B	0B	0B	0B	0B	0 B	47.3	33.8	22.1	16.3	3.92 B	0.530B	2
3	0B	0B	0B	0B	0B	0 B	47.7	32.4	22.9	15.8	3.74 B	0.450B	3
4	0B	0B	0B	0B	0B	0 B	46.9	31.4	25.3	15.0 B	3.58 B	0.390B	4
5	0B	0B	0B	0B	0B	0 B	44.5	30.5	25.0	14.3 B	3.42 B	0.340B	5
6	0B	0B	0B	0B	0B	0 B	44.9	29.8	23.8	13.7 B	3.27 B	0.270B	6
7	0B	0B	0B	0B	0B	0 B	43.9	28.5	23.1	13.1 B	3.13 B	0.220B	7
8	0B	0B	0B	0B	0B	0 B	43.4	29.0	26.1	12.5 B	2.98 B	0.190B	8
9	0B	0B	0B	0B	0B	0.010B	42.6	29.0	26.3	12.0 B	2.86 B	0.130B	9
10	0B	0B	0B	0B	0B	0.030B	42.0	28.8	23.6	11.3 B	2.73 B	0.085B	10
11	0B	0B	0B	0B	0B	0.060B	41.0	27.9	24.1	10.8 B	2.62 B	0.040B	11
12	0B	0B	0B	0B	0B	0.110B	40.4	26.8	24.0	10.3 B	2.51 B	0.010B	12
13	0B	0B	0B	0B	0B	0.160B	39.6	26.5	22.0	9.83B	2.40 B	0 B	13
14	0B	0B	0B	0B	0B	0.200B	37.9	26.8	20.9	9.35B	2.30 B	0 B	14
15	0B	0B	0B	0B	0B	0.260B	36.6	28.7	20.4	8.90B	2.19 B	0 B	15
16	0B	0B	0B	0B	0B	0.385B	36.4	28.9	20.1	8.55B	2.10 B	0 B	16
17	0B	0B	0B	0B	0B	0.590B	36.5	26.5	19.9	8.05B	2.01 B	0 B	17
18	0B	0B	0B	0B	0B	1.00 B	37.2	25.9	19.5	7.80B	1.88 B	0 B	18
19	0B	0B	0B	0B	0B	2.15 B	37.0	25.5	19.9	7.45B	1.75 B	0 B	19
20	0B	0B	0B	0B	0B	3.10 B	35.6	25.2	21.0	7.10B	1.62 B	0 B	20
21	0B	0B	0B	0B	0B	4.60 B	36.0	26.5	19.8	6.79B	1.52 B	0 B	21
22	0B	0B	0B	0B	0B	7.00 B	34.8	26.2	19.0	6.49B	1.39 B	0 B	22
23	0B	0B	0B	0B	0B	10.6 B	34.1	24.5	19.1	6.18B	1.25 B	0 B	23
24	0B	0B	0B	0B	0B	16.1 B	33.1	23.8	18.4	5.90B	1.15 B	0 B	24
25	0B	0B	0B	0B	0B	23.5 B	33.4	23.3	17.5	5.62B	1.04 B	0 B	25
26	0B	0B	0B	0B	0B	34.3 B	31.9	23.3	17.5	5.39B	0.980B	0 B	26
27	0B	0B	0B	0B	0B	50.1	31.5	23.0	17.7	5.16B	0.860B	0 B	27
28	0B	0B	0B	0B	0B	49.6	31.0	22.6	17.5	4.93B	0.795B	0 B	28
29	0B		0B	0B	0B	48.8	30.8	22.3	16.8	4.71B	0.720B	0 B	29
30	0B		0B	0B	0B	48.6	43.9	22.2	16.5	4.49B	0.650B	0 B	30
31	0B		0B		0B		38.8	21.8		4.27B		0 B	31
TOTAL	0	0	0	0	0	301.255	1 216.0	837.5	632.1	288.46	65.455	3.255	TOTAL
MEAN	0	0	0	0	0	10.0	39.2	27.0	21.1	9.31	2.18	0.105	MEAN
MAX	0	0	0	0	0	50.1	47.7	35.7	26.3	16.4	4.09	0.600	MAX
MIN	0	0	0	0	0	0	31.0	21.8	16.5	4.27	0.650	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.16
MAXIMUM DAILY, 50.1 ON JUN 27
MINIMUM DAILY, 0B ON JAN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 51 32 N
LONG 092 24 30 W
DRAINAGE AREA, 1 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	105 000
FEB	0	AUG	72 400
MAR	0	SEP	54 600
APR	0	OCT	24 900
MAY	0	NOV	5 660
JUN	26 000	DEC	281

TOTAL DISCHARGE, 289 000 dam³

DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 06KC004

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	231.677	231.571E	231.495E	231.400E	231.295	231.303	231.639	231.795	231.879	231.821	231.725	231.652	1
2	231.673	231.569E	231.493E	231.398E	231.292	231.317	231.641	231.798	231.877	231.828	231.719	231.648	2
3	231.663	231.567E	231.490E	231.395E	231.293	231.332	231.648	231.809	231.857	231.835	231.715	231.651	3
4	231.659	231.565E	231.487E	231.391E	231.296	231.346	231.649	231.813	231.867	231.815	231.717	231.666	4
5	231.656	231.563E	231.484E	231.389E	231.292	231.359	231.651	231.810	231.863	231.803	231.710	231.649	5
6	231.654	231.561E	231.481E	231.386E	231.285	231.381	231.653	231.817	231.869	231.803	231.718	231.636	6
7	231.655	231.560E	231.478E	231.382E	231.283	231.401	231.655	231.824	231.853	231.811	231.718	231.637	7
8	231.653	231.558E	231.474E	231.378E	231.283	231.415	231.661	231.823	231.840	231.816	231.714	231.641	8
9	231.657	231.556E	231.471E	231.375E	231.274	231.432	231.664	231.826	231.846	231.817	231.705	231.635	9
10	231.658	231.555E	231.468E	231.372E	231.271	231.447	231.665	231.833	231.832	231.787	231.700	231.627	10
11	231.653	231.554A	231.464E	231.369E	231.269	231.461	231.667	231.838	231.835	231.783	231.691	231.624	11
12	231.639	231.551E	231.461E	231.367E	231.266	231.474	231.668	231.835	231.844	231.787	231.690	231.620	12
13	231.636	231.548E	231.458E	231.364E	231.267	231.482	231.665	231.831	231.847	231.787	231.691	231.622	13
14	231.642	231.543E	231.455E	231.360E	231.264	231.493	231.677	231.821	231.845	231.792	231.698	231.621	14
15	231.647	231.541E	231.451E	231.357E	231.264	231.505	231.696	231.817	231.851	231.783	231.694	231.613	15
16	231.635	231.539E	231.449E	231.353E	231.262	231.514	231.709	231.811	231.852	231.786	231.694	231.610	16
17	231.628	231.535E	231.446E	231.350E	231.263	231.522	231.719	231.836	231.848	231.788	231.697	231.606	17
18	231.617	231.531E	231.443E	231.347E	231.259	231.530	231.724	231.842	231.837	231.787	231.690	231.603	18
19	231.608	231.528E	231.440E	231.344E	231.260	231.543	231.738	231.837	231.837	231.788	231.682	231.598	19
20	231.613	231.525E	231.437E	231.341E	231.262	231.552	231.745	231.839	231.837	231.789	231.679	231.599	20
21	231.616	231.522E	231.434E	231.339E	231.255	231.565	231.745	231.840	231.842	231.783	231.683	231.607	21
22	231.610	231.519E	231.431E	231.336E	231.263	231.576	231.752	231.841	231.833	231.782	231.684	231.606	22
23	231.602	231.517E	231.428E	231.334E	231.260	231.581	231.753	231.839	231.845	231.778	231.679	231.594	23
24	231.599	231.513E	231.425E	231.330E	231.261	231.586	231.760	231.849	231.849	231.797	231.674	231.587	24
25	231.595	231.511E	231.421E	231.327E	231.257	231.601	231.767	231.846	231.845	231.758	231.672	231.584	25
26	231.590	231.506E	231.419E	231.323E	231.258	231.611	231.770	231.855	231.841	231.736	231.668	231.582	26
27	231.591	231.503E	231.416E	231.321E	231.263	231.614	231.773	231.862	231.841	231.688	231.668	231.576	27
28	231.591	231.500E	231.412E	231.317A	231.266	231.616	231.775	231.863	231.843	231.730	231.665	231.575	28
29	231.587		231.409E	231.306	231.275	231.622	231.779	231.856	231.838	231.727	231.659	231.578	29
30	231.579		231.405E	231.304	231.289	231.636	231.794	231.864	231.823	231.721	231.656	231.576	30
31	231.573E		231.402E		231.296		231.796	231.869		231.723		231.568	31
MEAN	231.628	231.540	231.449	231.355	231.272	231.494	231.710	231.833	231.847	231.781	231.692	231.613	MEAN
MAX	231.677	231.571	231.495	231.400	231.296	231.636	231.796	231.869	231.879	231.835	231.725	231.666	MAX
MIN	231.573	231.500	231.402	231.304	231.255	231.303	231.639	231.795	231.823	231.688	231.656	231.568	MIN

WATER LEVELS IN METRES

MEAN, 231.602
MAXIMUM DAILY, 231.879 ON SEP 01
MINIMUM DAILY, 231.255 ON MAY 21
MAXIMUM INSTANTANEOUS,
231.893 AT 21:42 CST ON SEP 01

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 13 30 N
LONG 101 45 30 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

DUBAWNT RIVER AT OUTLET OF MARJORIE LAKE - STATION NO. 06KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	422B	397B	376B	353B	332B	347B	663E	605	580	555	460B	401B	1
2	421B	396B	375B	352B	332B	355B	667E	602	584	558	458B	399B	2
3	420B	395B	375B	351B	332B	368B	671A	594	564	563	456B	397B	3
4	419B	394B	374B	351B	331B	381B	660	590	573	548	454B	396B	4
5	418B	393B	373B	350B	330B	398B	667	584	575	541	452B	394B	5
6	417B	392B	373B	349B	329B	411B	665	588	575	540	449B	392B	6
7	416B	391B	372B	349B	328B	437A	659	587	563	545	446B	389B	7
8	416B	390B	371B	348B	328B	450E	657	583	559	545	443B	388B	8
9	415B	388B	370B	348B	327B	465E	651	578	575	551	442B	387B	9
10	414B	387B	369B	347B	326B	479E	648	584	566	524	440B	386B	10
11	413B	386B	368B	346B	325B	493E	643	584	569	519	439B	383B	11
12	412B	386B	367B	346B	324B	508E	636	585	579	536	437B	382B	12
13	411B	385B	367B	345B	323B	523E	633	575	582	541	434B	381B	13
14	410B	385B	366B	344B	323B	538E	630	571	573	520	432B	379B	14
15	409B	384B	365B	343B	322B	557A	627	568	570	524	429B	378B	15
16	408B	383B	365B	342B	321B	560	621	575	569	526	427B	377B	16
17	407B	383B	364B	341B	319B	569	623	584	575	523	425B	375B	17
18	407B	382B	363B	341B	319B	576E	619	586	570	520	423B	374B	18
19	406B	382B	363B	340B	318B	584E	615	576	564	515	422B	373B	19
20	405B	381B	362B	339B	318B	592E	612	578	568	505	421B	372B	20
21	404B	381B	362B	338B	317B	601E	609	573	571	496	419B	371B	21
22	404B	380B	361B	338B	317B	610E	607	581	563	491	417B	369B	22
23	403B	379B	359B	337B	316B	618E	600	581	567	486	415B	368B	23
24	403B	379B	359B	337B	315B	627E	599	577	586	483	412B	367B	24
25	402B	378B	358B	336B	317B	635E	601	572	575	480	410B	366B	25
26	401B	378B	357B	335B	318B	641A	606	575	559	476B	409B	365B	26
27	401B	377B	356B	334B	321B	647A	603	576	560	472B	407B	364B	27
28	400B	376B	356B	334B	324B	651E	598	578	560	469B	405B	362B	28
29	399B		355B	333B	328B	655E	588	565	562	467B	404B	361B	29
30	399B		354B	333B	333B	659E	600	577	553	464B	402B	359B	30
31	398B		353B		339B		597	574		462B		358B	31
TOTAL	12 680	10 787	11 308	10 280	10 052	15 935	19 475	18 006	17 089	15 945	12 889	11 713	TOTAL
MEAN	409	385	365	343	324	531	628	581	570	514	430	378	MEAN
MAX	422	397	376	353	339	659	671	605	586	563	460	401	MAX
MIN	398	376	353	333	315	347	588	565	553	462	402	358	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 455
MAXIMUM DAILY, 671A ON JUL 03
MINIMUM DAILY, 315B ON MAY 24
MAXIMUM INSTANTANEOUS,
676 AT 14:46 CST ON JUL 05

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 52 N
LONG 099 28 37 W
DRAINAGE AREA, 67 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 100 000	JUL	1 680 000
FEB	932 000	AUG	1 560 000
MAR	977 000	SEP	1 480 000
APR	888 000	OCT	1 380 000
MAY	868 000	NOV	1 110 000
JUN	1 380 000	DEC	1 010 000

TOTAL DISCHARGE, 14 400 000 dam³

REMARKS - STAGE RECORDS OBTAINED AT 06KC002 AND DISCHARGE MEASUREMENTS 6.0 KM DOWNSTREAM

DUNCAN LAKE NEAR YELLOWKNIFE - STATION NO. 07SB012

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	212.715	212.727E	212.725E	212.722E	212.711	212.781	212.853	212.912	212.923	212.875A	212.817	212.797	1
2	212.715	212.727E	212.725E	212.722E	212.711	212.780	212.853	212.912	212.926A	212.868A	212.815	212.797	2
3	212.710	212.727E	212.725E	212.722E	212.707	212.784	212.851	212.909	212.919A	212.877	212.815	212.799	3
4	212.706	212.727E	212.725E	212.721E	212.708	212.786	212.843	212.910	212.913A	212.875	212.813	212.803	4
5	212.706	212.727E	212.725E	212.721E	212.712	212.787	212.851	212.915	212.919A	212.873	212.808	212.805	5
6	212.715	212.726E	212.725E	212.720E	212.718	212.782	212.858	212.917	212.905A	212.868	212.806	212.809	6
7	212.721	212.726E	212.725E	212.720E	212.721	212.785	212.860	212.925	212.904A	212.866	212.813	212.815	7
8	212.721A	212.726E	212.725E	212.719E	212.726	212.790	212.859	212.919	212.903A	212.867	212.814	212.813	8
9	212.721E	212.726E	212.725E	212.719E	212.727	212.793	212.854	212.911	212.902E	212.865	212.809	212.813	9
10	212.722E	212.726E	212.725E	212.718E	212.720	212.793	212.850	212.913	212.901E	212.867	212.804	212.815	10
11	212.723E	212.726E	212.725E	212.718E	212.726	212.794	212.852	212.915	212.900A	212.854	212.798	212.816	11
12	212.724E	212.726E	212.725E	212.717E	212.731	212.794	212.854	212.917	212.898E	212.850	212.792	212.818	12
13	212.724E	212.726E	212.725E	212.717E	212.733	212.793	212.868	212.919	212.896E	212.850	212.796	212.820	13
14	212.725E	212.726E	212.725E	212.716E	212.736	212.791	212.890	212.915	212.894E	212.847	212.794	212.821	14
15	212.726E	212.726E	212.725E	212.716E	212.740	212.794	212.887	212.911	212.892E	212.842	212.791	212.817	15
16	212.727A	212.726E	212.725E	212.715E	212.741	212.800	212.888	212.905	212.890E	212.840	212.793	212.814	16
17	212.727E	212.726E	212.725E	212.715E	212.742	212.805	212.890	212.899	212.888E	212.840	212.799	212.811	17
18	212.727E	212.726E	212.725E	212.714E	212.742	212.820	212.887	212.905	212.886E	212.838	212.798	212.809	18
19	212.727E	212.726E	212.725E	212.714E	212.744	212.823	212.887	212.919	212.884E	212.836	212.794	212.815	19
20	212.727E	212.726E	212.725E	212.713E	212.746	212.828	212.890	212.919	212.882E	212.834	212.793	212.834	20
21	212.727E	212.726E	212.725E	212.713A	212.747	212.829	212.893	212.928	212.880A	212.830	212.795	212.846	21
22	212.727E	212.726E	212.725A	212.715	212.755	212.831	212.892	212.938	212.880E	212.829	212.800	212.849	22
23	212.727E	212.726E	212.725E	212.720	212.761	212.833	212.895	212.931	212.880E	212.826	212.802	212.842	23
24	212.727E	212.726E	212.725E	212.720	212.765	212.835	212.893	212.926	212.880E	212.829	212.801	212.838	24
25	212.727E	212.726E	212.725E	212.717	212.768	212.837	212.893	212.923	212.879E	212.831	212.799	212.840	25
26	212.727E	212.726E	212.724E	212.714	212.769	212.836	212.899	212.922	212.879E	212.829	212.797	212.846	26
27	212.727E	212.726E	212.724E	212.712	212.771	212.838	212.901	212.922	212.879A	212.820	212.799	212.843	27
28	212.727E	212.726E	212.724E	212.712	212.772	212.849	212.899	212.919	212.878E	212.827	212.799	212.834	28
29	212.727E		212.723E	212.711	212.781	212.852	212.899	212.922	212.877E	212.826	212.799	212.829	29
30	212.727E		212.723E	212.710	212.780	212.852	212.901	212.929	212.876E	212.819	212.798	212.828	30
31	212.727E		212.723E		212.783		212.907	212.927		212.818		212.827	31
MEAN	212.723	212.726	212.725	212.717	212.742	212.810	212.877	212.918	212.894	212.846	212.802	212.821	MEAN
MAX	212.727	212.727	212.725	212.722	212.783	212.852	212.907	212.938	212.926	212.877	212.817	212.849	MAX
MIN	212.706	212.726	212.723	212.710	212.707	212.780	212.843	212.899	212.876	212.818	212.791	212.797	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 212.801
MAXIMUM DAILY, 212.938 ON AUG 22
MINIMUM DAILY, 212.706 ON JAN 04
MAXIMUM INSTANTANEOUS,
212.941 AT 11:59 MST ON AUG 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 62 51 00 N
LONG 113 58 00 W
DATA CONTRIBUTED BY -
COMINCO LIMITED

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

NORTHWEST TERRITORIES

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0B	0B	0B	0B	0B	0 B	873	176	80.1	69.1	2.80 B	0B
2	0B	0B	0B	0B	0B	1.00B	874	179	80.6	69.8	2.50 B	0B
3	0B	0B	0B	0B	0B	1.50B	824	168	79.4	71.5	2.25 B	0B
4	0B	0B	0B	0B	0B	2.00B	760	156	74.4	59.9	2.00 B	0B
5	0B	0B	0B	0B	0B	3.00B	695	143	74.2	55.3	1.75 B	0B
6	0B	0B	0B	0B	0B	7.00B	637	135	73.6	55.7 A	1.55 B	0B
7	0B	0B	0B	0B	0B	10.0 B	571	127	71.5	55.7 A	1.30 B	0B
8	0B	0B	0B	0B	0B	14.0 B	526	119	70.3	54.3 A	1.10 B	0B
9	0B	0B	0B	0B	0B	20.0 B	484	112	69.9	53.7 A	0.900B	0B
10	0B	0B	0B	0B	0B	45.0 B	449	104	70.0	44.1 A	0.700B	0B
11	0B	0B	0B	0B	0B	80.0 B	411	98.4	67.7	33.0 A	0.500B	0B
12	0B	0B	0B	0B	0B	150 B	366	92.3	66.1	32.2 A	0.250B	0B
13	0B	0B	0B	0B	0B	250 B	337	86.6	60.0	28.4 E	0 B	0B
14	0B	0B	0B	0B	0B	400 B	313	82.7	63.5	24.5 A	0 B	0B
15	0B	0B	0B	0B	0B	677	293	79.8	72.1	22.0 B	0 B	0B
16	0B	0B	0B	0B	0B	906	270	76.3	71.4	19.0 B	0 B	0B
17	0B	0B	0B	0B	0B	977	243	75.0	67.2	17.0 B	0 B	0B
18	0B	0B	0B	0B	0B	979	227	73.5	65.9	15.0 B	0 B	0B
19	0B	0B	0B	0B	0B	988	213	71.8	66.1	13.6 B	0 B	0B
20	0B	0B	0B	0B	0B	1 110	200	67.9	63.8	12.2 B	0 B	0B
21	0B	0B	0B	0B	0B	1 120	194	65.3	62.0	10.5 B	0 B	0B
22	0B	0B	0B	0B	0B	1 150	192	64.6	62.0	9.00B	0 B	0B
23	0B	0B	0B	0B	0B	1 220	194	64.0	65.1	8.20B	0 B	0B
24	0B	0B	0B	0B	0B	1 280	193	66.6	73.7	7.25B	0 B	0B
25	0B	0B	0B	0B	0B	1 270	191	69.2	83.6	6.50B	0 B	0B
26	0B	0B	0B	0B	0B	1 190	184	70.8	84.3	5.60B	0 B	0B
27	0B	0B	0B	0B	0B	1 080	179	72.2	87.6	5.00B	0 B	0B
28	0B	0B	0B	0B	0B	985	177	75.4	88.6	4.50B	0 B	0B
29	0B		0B	0B	0B	907	176	79.3	85.2	4.00B	0 B	0B
30	0B		0B	0B	0B	864	176	80.8	82.2	3.55B	0 B	0B
31	0B		0B		0B		173	80.8		3.20B		0B
TOTAL	0	0	0	0	0	17 686.50	11 595	3 012.6	2 182.1	873.30	17.600	0
MEAN	0	0	0	0	0	590	374	97.2	72.7	28.2	0.587	0
MAX	0	0	0	0	0	1 280	874	179	88.6	71.5	2.80	0
MIN	0	0	0	0	0	0	173	64.0	60.0	3.20	0	0

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 96.9
MAXIMUM DAILY, 1 280 ON JUN 24
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
1 290 AT 14:29 MST ON JUN 24

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 42 42 N
LONG 104 08 27 W
DRAINAGE AREA, 16 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 000 000
FEB	0	AUG	260 000
MAR	0	SEP	189 000
APR	0	OCT	75 500
MAY	0	NOV	1 520
JUN	1 530 000	DEC	0

TOTAL DISCHARGE, 3 060 000 dam³

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.3A	15.3E	13.7	12.0	10.3	11.5	13.0	16.5	17.8	17.3	15.2	14.5
2	17.2A	15.2A	13.7	12.0	10.3	11.6	12.9	16.1	18.3	17.2	15.1	14.5
3	17.2E	15.1	13.7	11.9	10.3	11.6	12.8	15.9	18.0	17.2	15.0	14.5A
4	17.2E	15.1	13.7	11.8	10.3	11.6	13.2	16.2	17.9	17.2	15.0	14.5A
5	17.1A	15.0	13.6	11.7	10.2	11.6	13.2	16.4	17.9	17.1	14.9	14.5A
6	17.1E	15.0	13.5	11.7	10.2	11.6	13.3	16.5	17.8	16.9	15.0	14.5A
7	17.0A	14.9	13.4	11.6	10.2	11.6	13.3	16.7	18.0	16.7	15.2	14.5A
8	17.0	14.8	13.3	11.5	10.2	11.5	13.3	16.3	17.9	16.7	15.1	14.4A
9	16.9	14.7	13.3	11.5	10.2	11.7	13.3	16.1	17.7	17.0	15.0	14.4A
10	16.8	14.7A	13.3	11.4	10.2	11.7	13.3	16.2	17.8	17.3	14.9	14.3A
11	16.8E	14.6	13.3	11.5	10.2	11.6	13.2	16.4	17.6	16.7	14.7	14.3A
12	16.7	14.5	13.3	11.5	10.2	11.8	13.6	16.8	17.5	16.6	14.6	14.4A
13	16.6	14.5	13.2	11.5	10.2	11.7	14.2	17.0	17.3	16.4	14.7	14.4A
14	16.6	14.4	13.0	11.4	10.2	11.7	14.2	17.1	17.4	16.3	14.7	14.4A
15	16.5	14.4	12.9	11.3	10.3	11.8	14.2	17.0	17.4	16.2	14.8	14.4
16	16.5	14.3	12.9	11.2	10.3	11.8	14.3	16.8	17.3	16.2	14.6	14.3
17	16.5A	14.2	12.9	11.2	10.3	11.9	14.5	16.7	17.4	16.2	14.5	14.2
18	16.6	14.2	12.8	11.1	10.3	12.0	14.4	17.2	17.4	16.2	14.6	14.1
19	16.5	14.2	12.7	11.1	10.3	12.0	14.5	17.3	17.2	16.1	14.4	14.0A
20	16.5	14.1	12.6	11.0	10.3	12.2	14.5	17.3	17.1	16.1	14.3	13.9E
21	16.5	14.1	12.5	10.9	10.4	12.1	14.6	17.6	17.0	16.0	14.4	13.8A
22	16.5	14.1	12.5	10.8	10.5	12.2	14.7	18.1	17.1	15.8	14.4	13.7A
23	16.4	14.0	12.4	10.8	10.5	12.2	14.8	17.5	17.0	15.7	14.4	13.7A
24	16.2	14.0	12.4	10.9	10.6	12.1	15.0	17.3	17.1	15.8	14.4	13.7A
25	16.0A	14.0	12.4	10.8	10.7	12.3	15.0	17.3	17.7	15.6	14.4A	13.6E
26	15.9E	13.9	12.3	10.6	10.9	12.4	15.6	17.3	17.7	15.8	14.5A	13.6A
27	15.8E	13.9	12.1	10.5	11.0	12.7	15.4	17.5	17.4	15.6	14.8	13.6A
28	15.7E	13.7	12.1	10.5	11.1	12.8	15.5	17.3	17.0	15.7	14.8	13.5E
29	15.6E		12.1	10.4	11.2	12.8	15.4	17.5	17.3	15.6	14.6	13.4E
30	15.6E		12.1	10.3	11.3	12.9	15.7	17.7	17.4	15.5	14.6	13.3A
31	15.4E		12.1		11.5		15.8	17.7		15.4		13.3A
TOTAL	512.2	404.9	399.8	336.4	324.7	359.0	440.9	525.0	525.4	506.0	441.6	436.2
MEAN	16.5	14.5	12.9	11.2	10.5	12.0	14.2	16.9	17.5	16.3	14.7	14.1
MAX	17.3	15.3	13.7	12.0	11.5	12.9	15.8	18.1	18.3	17.3	15.2	14.5
MIN	15.4	13.7	12.1	10.3	10.2	11.5	12.8	15.9	17.0	15.4	14.3	13.3

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 18.3 ON SEP 02
MINIMUM DAILY, 10.2 ON MAY 05
MAXIMUM INSTANTANEOUS,
18.8 AT 12:11 MST ON SEP 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 47 46 N
LONG 116 07 21 W
DRAINAGE AREA, 4 850 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 300	JUL	38 100
FEB	35 000	AUG	45 400
MAR	34 500	SEP	45 400
APR	29 100	OCT	43 700
MAY	28 100	NOV	38 200
JUN	31 000	DEC	37 700

TOTAL DISCHARGE, 451 000 dam³

ENNADAI LAKE AT ENNADAI - STATION NO. 06LA002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	312.308E	312.256	312.252A	312.198A	312.018	312.408	312.531	312.423	312.330	312.246	312.185	312.135	1
2	312.306A	312.256	312.244A	312.195A	312.011	312.431	312.512	312.426	312.330	312.242	312.189	312.135	2
3	312.306	312.254A	312.243A	312.197A	312.006	312.455	312.518	312.429	312.324	312.184	312.186	312.135	3
4	312.306	312.238A	312.243	312.192A	312.000	312.477	312.514	312.448	312.316	312.196	312.184	312.131	4
5	312.304A	312.244E	312.245	312.182A	311.994	312.491	312.511	312.426	312.305	312.213	312.184	312.136	5
6	312.291	312.249A	312.254	312.184	311.993	312.505	312.503	312.414	312.328	312.235	312.185	312.123	6
7	312.291A	312.248A	312.263	312.185A	311.990	312.516	312.483	312.439	312.303	312.248	312.176	312.114	7
8	312.292A	312.242A	312.264	312.177E	311.986	312.532	312.492	312.387	312.306	312.262	312.178	312.123	8
9	312.275	312.241	312.260A	312.174E	311.984	312.541	312.490	312.423	312.330	312.279	312.179	312.126	9
10	312.275	312.241	312.261	312.168A	311.982	312.556	312.487	312.421	312.304	312.211	312.179	312.118	10
11	312.276	312.241	312.259	312.160A	311.977	312.553	312.494	312.414	312.294	312.168	312.179	312.117	11
12	312.285	312.235	312.241	312.156A	311.975	312.558	312.477	312.410	312.295	312.229	312.175	312.117	12
13	312.285A	312.234	312.244	312.149E	311.973	312.567	312.466	312.386	312.299	312.225	312.159	312.114	13
14	312.263A	312.234	312.250	312.144A	311.968	312.566	312.466	312.391	312.287	312.217	312.173	312.105	14
15	312.270	312.234	312.237	312.139A	311.963	312.561	312.445	312.388	312.301	312.198	312.176	312.104	15
16	312.289A	312.234	312.241	312.131A	311.959	312.555	312.450	312.369	312.297	312.215	312.168	312.112	16
17	312.279A	312.234	312.238	312.128A	311.953	312.545	312.443	312.373	312.290	312.227	312.168	312.108	17
18	312.279A	312.234	312.231A	312.096E	311.949	312.551	312.432	312.394	312.239	312.223	312.171	312.103	18
19	312.263A	312.232	312.228	312.059A	311.954	312.555	312.430	312.371	312.256	312.215	312.164	312.107	19
20	312.263A	312.238A	312.223A	312.048	311.954	312.552	312.442	312.388	312.273	312.217	312.155	312.112	20
21	312.254A	312.238A	312.220E	312.050	311.955	312.548	312.444	312.350	312.275	312.206	312.142	312.111	21
22	312.255	312.234	312.217	312.039	311.962	312.550	312.454	312.318	312.295	312.199	312.151	312.109	22
23	312.265	312.233	312.211A	312.048	311.975	312.546	312.433	312.309	312.271	312.200	312.161	312.110	23
24	312.254A	312.233	312.217A	312.039	312.009	312.542	312.446	312.351	312.276	312.207	312.162	312.108	24
25	312.260A	312.234	312.212E	312.032	312.063	312.544	312.445	312.361	312.285	312.211	312.162	312.107	25
26	312.255A	312.249E	312.214A	312.027	312.125	312.542	312.436	312.353	312.228	312.217	312.162	312.104	26
27	312.255	312.255	312.210A	312.023	312.176	312.536	312.410	312.335	312.257	312.205	312.158	312.101	27
28	312.255	312.257A	312.209A	312.022	312.227	312.532	312.400	312.337	312.287	312.184	312.153	312.100	28
29	312.256		312.210A	312.018	312.281	312.541	312.437	312.331	312.332	312.188	312.135	312.099	29
30	312.256		312.202A	312.018	312.332	312.527	312.445	312.337	312.274	312.188	312.135	312.099	30
31	312.256		312.202A		312.373		312.440	312.301		312.180		312.099	31
MEAN	312.274	312.241	312.234	312.113	312.034	312.529	312.464	312.381	312.293	312.214	312.168	312.114	MEAN
MAX	312.308	312.257	312.264	312.198	312.373	312.567	312.531	312.448	312.332	312.279	312.189	312.136	MAX
MIN	312.254	312.232	312.202	312.018	311.949	312.408	312.400	312.301	312.228	312.168	312.135	312.099	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 312.255
MAXIMUM DAILY, 312.567 ON JUN 13
MINIMUM DAILY, 311.949 ON MAY 18
MAXIMUM INSTANTANEOUS,
312.578 AT 22:59 CST ON JUN 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 100 54 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 06NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0B	11.4B	10.0 B	9.10B	9.70B	17.8B	237	188	142	111	35.9B	24.8B	1
2	15.7B	11.3B	9.90B	9.10B	9.70B	20.0B	236	180	140	110	35.1B	24.6B	2
3	15.5B	11.3B	9.80B	9.10B	9.70B	21.5B	237	179	140	107	34.7B	24.3B	3
4	15.2B	11.2B	9.70B	9.10B	9.75B	24.4B	237	180	145	96.6	34.2B	24.1B	4
5	15.0B	11.2B	9.70B	9.10B	9.80B	28.7B	235	177	140	87.7	33.7B	23.8B	5
6	14.8B	11.1B	9.60B	9.10B	9.86B	39.0B	233	173	139	79.0B	33.2B	23.7B	6
7	14.6B	11.1B	9.60B	9.10B	9.88B	52.0B	231	170	137	75.0B	32.7B	23.5B	7
8	14.5B	11.0B	9.50B	9.10B	9.90B	64.7B	229	169	141	70.0B	32.2B	23.3B	8
9	14.3B	11.0B	9.50B	9.20B	9.92B	80.0B	226	175	144	66.8B	31.8B	23.1B	9
10	14.1B	10.9B	9.50B	9.20B	9.94B	100 B	223	172	139	64.0B	31.3B	22.9B	10
11	13.9B	10.9B	9.40B	9.20B	9.95B	118 B	221	171	137	60.8B	30.9B	22.8B	11
12	13.8B	10.9B	9.40B	9.20B	9.96B	132 B	216	169	134	58.8B	30.4B	22.6B	12
13	13.7B	10.8B	9.40B	9.20B	9.97B	149	213	169	130	56.8B	30.1B	22.4B	13
14	13.6B	10.8B	9.30B	9.20B	9.98B	154	210	170	127	55.0B	29.7B	22.2B	14
15	13.4B	10.7B	9.30B	9.30B	9.99B	158	202	173	125	53.0B	29.3B	22.0B	15
16	13.3B	10.7B	9.30B	9.30B	10.0 B	166	206	171	125	51.2B	28.9B	21.8B	16
17	13.2B	10.7B	9.30B	9.30B	10.0 B	176	207	168	123	50.0B	28.6B	21.6B	17
18	13.0B	10.6B	9.30B	9.30B	10.0 B	181	204	168	116	48.8B	28.4B	21.5B	18
19	12.9B	10.5B	9.30B	9.30B	10.0 B	181	201	164	120	47.2B	28.1B	21.4B	19
20	12.7B	10.5B	9.20B	9.40B	10.0 B	194	201	161	127	46.2B	27.8B	21.2B	20
21	12.6B	10.4B	9.20B	9.40B	10.1 B	204	197	160	126	45.0B	27.5B	21.1B	21
22	12.4B	10.4B	9.20B	9.40B	10.2 B	210	194	157	123	43.9B	27.1B	20.9B	22
23	12.3B	10.3B	9.20B	9.40B	10.3 B	213	193	153	122	43.0B	26.8B	20.8B	23
24	12.1B	10.2B	9.20B	9.50B	10.6 B	217	190	152	119	42.3B	26.5B	20.6B	24
25	12.0B	10.2B	9.20B	9.50B	10.7 B	218	186	151	113	41.1B	26.2B	20.5B	25
26	11.9B	10.1B	9.10B	9.50B	10.9 B	219	184	151	113	40.2B	26.0B	20.3B	26
27	11.8B	10.1B	9.10B	9.50B	11.7 B	225	178	148	117	39.4B	25.8B	20.1B	27
28	11.7B	10.0B	9.10B	9.60B	13.0 B	232	177	146	119	38.8B	25.5B	20.0B	28
29	11.6B		9.10B	9.60B	14.0 B	233	189	145	120	38.0B	25.2B	19.7B	29
30	11.5B		9.10B	9.60B	15.0 B	235	202	144	114	37.3B	25.0B	19.5B	30
31	11.4B		9.10B		16.0 B		195	141		36.6B		19.3B	31
TOTAL	414.5	300.3	290.60	278.90	330.50	4 263.1	6 489	5 095	3 857	1 840.5	888.6	680.4	TOTAL
MEAN	13.4	10.7	9.37	9.30	10.7	142	209	164	129	59.4	29.6	21.9	MEAN
MAX	16.0	11.4	10.0	9.60	16.0	235	237	188	145	111	35.9	24.8	MAX
MIN	11.4	10.0	9.10	9.10	9.70	17.8	177	141	113	36.6	25.0	19.3	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.7
MAXIMUM DAILY, 237 ON JUL 01
MINIMUM DAILY, 9.10B ON MAR 26
MAXIMUM INSTANTANEOUS,
239 AT 18:39 CST ON JUL 03

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 24 N
LONG 095 02 54 W
DRAINAGE AREA, 12 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 800	JUL	561 000
FEB	25 900	AUG	440 000
MAR	25 100	SEP	333 000
APR	24 100	OCT	159 000
MAY	28 600	NOV	76 800
JUN	368 000	DEC	58 800

TOTAL DISCHARGE, 2 140 000 dam³

NORTHWEST TERRITORIES

FLAT RIVER AT TUNGSTEN AIRSTRIP - STATION NO. 10EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.638B	0.540B	0.457B	0.433B	0.685	17.8	11.4	7.90	5.98	4.11	1.28 B	0.791B	1
2	0.635B	0.537B	0.455B	0.436B	0.717	11.0	11.4	7.58	5.15	3.83	1.26 B	0.758B	2
3	0.632B	0.534B	0.453B	0.442B	0.747	8.06	11.4	7.54	4.56	3.58	1.27 B	0.734B	3
4	0.629B	0.532B	0.451B	0.444B	0.796	8.67	10.7	7.20	4.71	3.40	1.28 B	0.767B	4
5	0.626B	0.529B	0.449B	0.408B	0.859	11.7	10.5	7.66	4.89	3.16B	1.29 B	0.762B	5
6	0.623B	0.526B	0.447B	0.401B	0.867	12.5	10.4	7.80	4.81	2.85B	1.27 B	0.767B	6
7	0.620B	0.523B	0.445B	0.411B	0.846	11.6	11.3	11.8	6.62	2.80	1.25 B	0.770B	7
8	0.616B	0.520B	0.443B	0.413B	0.908	10.6	12.0	10.9	6.11	2.83	1.23 B	0.750B	8
9	0.613B	0.512B	0.441B	0.453B	0.959	9.14	11.6	9.43	5.35	2.76	1.21 B	0.725B	9
10	0.610B	0.514B	0.440B	0.451B	0.936	9.37	11.5	9.29	5.11	2.60	1.18 B	0.686B	10
11	0.607B	0.513B	0.440B	0.468B	0.945	10.3	11.2	9.52	6.59	2.44	1.17 B	0.639B	11
12	0.603B	0.505B	0.439B	0.472B	0.955	12.0	9.17	9.79	6.65	2.33	1.18 B	0.624B	12
13	0.600B	0.510B	0.439B	0.487B	0.974	13.4	9.51	9.01	6.02	2.30	1.19 B	0.629B	13
14	0.597B	0.509B	0.439B	0.492B	1.00	13.2	9.64	8.46	5.74	2.28	1.20 B	0.627B	14
15	0.594B	0.491B	0.438B	0.483B	1.08	13.8	8.72	8.20	6.22	2.26B	1.18 B	0.605B	15
16	0.590B	0.489B	0.438B	0.487B	1.13	13.2	8.01	8.03	8.88	2.28B	1.15 B	0.603B	16
17	0.586B	0.486B	0.438B	0.502B	1.19	13.7	8.25	8.12	7.57	2.10B	1.10 B	0.608B	17
18	0.583B	0.483B	0.437B	0.512B	1.27	12.4	7.88	8.03	6.50	2.07B	1.00 B	0.618B	18
19	0.580B	0.481B	0.437B	0.513B	1.34	11.1	7.83	7.73	5.79	2.02B	0.944B	0.630B	19
20	0.577B	0.478B	0.437B	0.519B	1.37	10.7	8.66	8.40	5.11	1.91B	0.899B	0.640B	20
21	0.573B	0.475B	0.436B	0.522B	1.59	11.3	9.45	7.00	4.64	1.87B	0.905B	0.650B	21
22	0.569B	0.472B	0.436B	0.545B	1.85	11.8	9.57	6.31	5.73	1.84B	0.910B	0.635B	22
23	0.566B	0.469B	0.436B	0.540B	2.01	14.0	9.28	5.36	9.93	1.69B	0.905B	0.620B	23
24	0.563B	0.467B	0.435B	0.547B	1.99	14.5	8.92	4.50	10.2	1.74B	0.910B	0.605B	24
25	0.560B	0.465B	0.435B	0.574B	1.94	12.3	8.83	4.04	8.55	1.67B	0.915B	0.615B	25
26	0.557B	0.463B	0.435B	0.600B	2.11	12.3	8.16	3.90	7.10	1.70B	0.900B	0.613B	26
27	0.554B	0.461B	0.434B	0.635B	2.85	11.8	7.48	4.08	5.73	1.40B	0.885B	0.596B	27
28	0.551B	0.459B	0.434B	0.620B	5.21	12.1	6.69	8.74	5.33	1.56B	0.873B	0.580B	28
29	0.548B		0.434B	0.600B	9.16	12.1	7.35	12.5	5.08	1.42B	0.891B	0.593B	29
30	0.545B		0.433B	0.690B	14.9	11.3	8.28	9.70	4.49	1.32B	0.832B	0.597B	30
31	0.542B		0.433B		22.0		9.33	7.45		1.22B		0.605B	31
TOTAL	18.287	13.943	13.644	15.100	85.184	357.74	294.41	245.97	185.14	71.34	32.459	20.441	TOTAL
MEAN	0.590	0.498	0.440	0.503	2.75	11.9	9.50	7.93	6.17	2.30	1.08	0.659	MEAN
MAX	0.638	0.540	0.457	0.690	22.0	17.8	12.0	12.5	10.2	4.11	1.29	0.791	MAX
MIN	0.542	0.459	0.433	0.401	0.685	8.06	6.69	3.90	4.49	1.22	0.832	0.580	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 22.0 ON MAY 31
MINIMUM DAILY, 0.401B ON APR 06
MAXIMUM INSTANTANEOUS,
22.5 AT 12:12 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 57 09 N
LONG 128 11 52 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 580	JUL 25 400	
FEB	1 200	AUG 21 300	
MAR	1 180	SEP 16 000	
APR	1 300	OCT 6 160	
MAY	7 360	NOV 2 800	
JUN	30 900	DEC 1 770	

TOTAL DISCHARGE, 117 000 dam³

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.9B	16.0B	15.6B	15.2B	76.0B	810	307	123	122	87.9	36.0B	26.3B	1
2	19.7B	16.0B	15.6B	15.2B	90.0B	533	260	129	114	84.9	44.0B	26.1B	2
3	19.5B	16.0B	15.6B	15.2B	102 E	365	228	130	109	83.9	41.0B	26.0B	3
4	19.4B	16.0B	15.6B	15.2B	135 A	287	209	124	105	83.9	37.5B	26.0B	4
5	19.2B	16.0B	15.6B	15.1B	160	271	197	116	105	81.5	34.0B	26.0B	5
6	19.0B	15.9B	15.6B	15.2B	216	297	185	123	110	77.1	30.0B	26.8B	6
7	18.8B	15.9B	15.6B	15.2B	217	276	178	397	108	71.0	27.0B	26.5B	7
8	18.6B	15.9B	15.5B	15.2B	173	274	179	475	108	71.5	22.0B	25.8B	8
9	18.5B	15.9B	15.5B	15.3B	186	253	169	338	108	74.4	23.0B	25.4B	9
10	18.3B	15.8B	15.5B	15.3B	168	230	161	251	104	73.8	25.0B	25.0B	10
11	18.1B	15.8B	15.5B	15.4B	140	221	158	207	99.6	70.0	27.0B	24.8B	11
12	18.0B	15.8B	15.5B	15.4B	138	220	154	187	99.1	67.5B	28.5B	24.6B	12
13	18.0B	15.8B	15.5B	15.5B	150	229	170	174	101	67.5B	30.0B	24.4B	13
14	18.0B	15.8B	15.5B	15.5B	169	236	152	159	97.9	64.6B	28.5B	24.2B	14
15	17.9B	15.8B	15.5B	15.6B	177	233	216	149	95.5	55.6B	26.0B	24.1B	15
16	17.9B	15.7B	15.5B	15.6B	194	233	184	144	93.6	42.6B	24.5B	24.0B	16
17	17.7B	15.7B	15.4B	15.7B	209	214	167	138	95.3	40.8B	25.0B	23.8B	17
18	17.6B	15.7B	15.4B	15.8B	219	208	161	135	96.8	37.6B	26.5B	23.6B	18
19	17.5B	15.7B	15.4B	15.9B	219	194	150	134	95.2	36.1B	27.0B	23.5B	19
20	17.5B	15.7B	15.4B	16.0B	208	177	142	128	93.1	31.2B	31.0B	23.3B	20
21	17.4B	15.7B	15.4B	16.8B	212	167	138	126	89.6	35.0B	33.0B	23.1B	21
22	17.2B	15.7B	15.4B	17.6B	243	161	138	129	87.6	40.5B	36.0B	23.0B	22
23	17.0B	15.7B	15.4B	19.0B	258	168	140	128	86.5	46.0B	35.0B	22.8B	23
24	16.9B	15.7B	15.4B	21.0B	247	228	138	132	91.2	45.0B	34.0B	22.6B	24
25	16.8B	15.7B	15.3B	23.5B	205	229	134	126	108	42.5B	33.0B	22.5B	25
26	16.6B	15.6B	15.3B	26.5B	191	216	127	118	108	40.0B	32.0B	22.3B	26
27	16.4B	15.6B	15.3B	30.5B	206	258	121	113	101	37.5B	31.0B	22.1B	27
28	16.1B	15.6B	15.3B	34.0B	256	240	115	110	94.4	35.0B	29.5B	22.0B	28
29	16.1B		15.3B	46.0B	314	234	110	110	91.8	32.8B	28.0B	22.0B	29
30	16.1B		15.2B	60.0B	351	276	106	128	90.6	31.7B	26.8B	22.0B	30
31	16.0B		15.2B		756		108	131		30.0B		22.0B	31
TOTAL	551.7	442.2	478.8	603.4	6 585.0	7 938	5 202	5 112	3 008.8	1 719.4	913.8	746.6	TOTAL
MEAN	17.8	15.8	15.4	20.1	212	265	168	165	100	55.5	30.5	24.1	MEAN
MAX	19.9	16.0	15.6	60.0	756	810	307	475	122	87.9	44.0	26.8	MAX
MIN	16.0	15.6	15.2	15.1	76.0	161	106	110	86.5	30.0	22.0	22.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 91.2
MAXIMUM DAILY, 810 ON JUN 01
MINIMUM DAILY, 15.1B ON APR 05
MAXIMUM INSTANTANEOUS,
1 030 AT 21:29 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 31 52 N
LONG 125 24 26 W
DRAINAGE AREA, 8 560 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47 700	JUL 449 000	
FEB	38 200	AUG 442 000	
MAR	41 400	SEP 260 000	
APR	52 100	OCT 149 000	
MAY	569 000	NOV 79 000	
JUN	686 000	DEC 64 500	

TOTAL DISCHARGE, 2 880 000 dam³

NORTHWEST TERRITORIES

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	OB	OB	OB	OB	OB	0 B	24.7	10.8	3.30	1.30 B	OB	OB	1
2	OB	OB	OB	OB	OB	0 B	25.7	10.1	3.30	1.08 B	OB	OB	2
3	OB	OB	OB	OB	OB	0 B	26.5	9.65	3.33	0.920B	OB	OB	3
4	OB	OB	OB	OB	OB	0 B	27.2	9.75	3.47	0.790B	OB	OB	4
5	OB	OB	OB	OB	OB	0 B	27.7	9.17	3.26	0.670B	OB	OB	5
6	OB	OB	OB	OB	OB	0 B	27.0	8.81	3.03	0.570B	OB	OB	6
7	OB	OB	OB	OB	OB	0 B	26.8	8.73	3.01B	0.490B	OB	OB	7
8	OB	OB	OB	OB	OB	0 B	26.0	8.29	2.97B	0.430B	OB	OB	8
9	OB	OB	OB	OB	OB	0 B	25.5	7.76	2.95	0.365B	OB	OB	9
10	OB	OB	OB	OB	OB	0 B	24.9	7.38	2.83B	0.325B	OB	OB	10
11	OB	OB	OB	OB	OB	0 B	24.4	6.99	2.71B	0.275B	OB	OB	11
12	OB	OB	OB	OB	OB	0 B	24.1	7.02	2.59B	0.235B	OB	OB	12
13	OB	OB	OB	OB	OB	0 B	23.6	6.88	2.48	0.200B	OB	OB	13
14	OB	OB	OB	OB	OB	0 B	22.7	6.68	2.44	0.115B	OB	OB	14
15	OB	OB	OB	OB	OB	0 B	21.8	6.72	2.40	0.070B	OB	OB	15
16	OB	OB	OB	OB	OB	0 B	20.9	5.92	2.35B	0.030B	OB	OB	16
17	OB	OB	OB	OB	OB	0 B	20.1	5.43	2.30B	0 B	OB	OB	17
18	OB	OB	OB	OB	OB	0 B	19.2	6.05	2.26B	0 B	OB	OB	18
19	OB	OB	OB	OB	OB	0 B	18.1	5.10	2.21B	0 B	OB	OB	19
20	OB	OB	OB	OB	OB	0 B	17.5	5.18	2.17B	0 B	OB	OB	20
21	OB	OB	OB	OB	OB	1.79B	17.0	5.07	2.12	0 B	OB	OB	21
22	OB	OB	OB	OB	OB	3.58B	16.0	4.69	2.10	0 B	OB	OB	22
23	OB	OB	OB	OB	OB	5.37B	15.7	4.39	2.03	0 B	OB	OB	23
24	OB	OB	OB	OB	OB	7.14	15.2	4.23	1.93	0 B	OB	OB	24
25	OB	OB	OB	OB	OB	10.2	14.3	4.19	1.88B	0 B	OB	OB	25
26	OB	OB	OB	OB	OB	12.6	13.7	4.18	1.83B	0 B	OB	OB	26
27	OB	OB	OB	OB	OB	15.4	13.2	3.75	1.79	0 B	OB	OB	27
28	OB	OB	OB	OB	OB	18.6	12.9	3.74	1.66	0 B	OB	OB	28
29	OB		OB	OB	OB	20.6	12.1	3.52	1.60B	0 B	OB	OB	29
30	OB		OB	OB	OB	22.7	11.9	3.53	1.50B	0 B	OB	OB	30
31	OB		OB		OB		11.8	3.60		0 B		OB	31
TOTAL	0	0	0	0	0	117.98	628.2	197.50	73.80	7.865	0	0	TOTAL
MEAN	0	0	0	0	0	3.93	20.3	6.37	2.46	0.254	0	0	MEAN
MAX	0	0	0	0	0	22.7	27.7	10.8	3.47	1.30	0	0	MAX
MIN	0	0	0	0	0	0	11.8	3.52	1.50	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 27.7 ON JUL 05
MINIMUM DAILY, OB ON JAN 01
MAXIMUM INSTANTANEOUS,
27.9 AT 13:43 MST ON JUL 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 07 52 N
LONG 104 59 26 W
DRAINAGE AREA, 1 490 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	54 300
FEB	0	AUG	17 100
MAR	0	SEP	6 380
APR	0	OCT	680
MAY	0	NOV	0
JUN	10 200	DEC	0

TOTAL DISCHARGE, 88 700 dam³

FRESHWATER CREEK NEAR TUKTOYAKTUK - STATION NO. 10ND005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.30	0.946	0.548	---	---	---	1
2	---	---	---	---	---	---	1.34	0.922	0.517	---	---	---	2
3	---	---	---	---	---	---	1.42	0.900E	0.538A	---	---	---	3
4	---	---	---	---	---	---	1.51	0.875E	---	---	---	---	4
5	---	---	---	---	---	---	1.54	0.855E	---	---	---	---	5
6	---	---	---	---	---	---	1.54	0.840E	---	---	---	---	6
7	---	---	---	---	---	---	1.53	0.820E	---	---	---	---	7
8	---	---	---	---	---	---	1.38	0.805E	---	---	---	---	8
9	---	---	---	---	---	---	1.38	0.795E	---	---	---	---	9
10	---	---	---	---	---	---	1.38	0.780E	---	---	---	---	10
11	---	---	---	---	---	---	1.42	0.768E	---	---	---	---	11
12	---	---	---	---	---	---	1.44	0.755E	---	---	---	---	12
13	---	---	---	---	---	---	1.44	0.740E	---	---	---	---	13
14	---	---	---	---	---	0.203B	1.38	0.728	---	---	---	---	14
15	---	---	---	---	---	0.148B	1.33	0.719	---	---	---	---	15
16	---	---	---	---	---	0.185B	1.33	0.698	---	---	---	---	16
17	---	---	---	---	---	0.859B	1.30	0.676	---	---	---	---	17
18	---	---	---	---	---	0.844B	1.32	0.665	---	---	---	---	18
19	---	---	---	---	---	0.900	1.31	0.646	---	---	---	---	19
20	---	---	---	---	---	0.883	1.32	0.622	---	---	---	---	20
21	---	---	---	---	---	0.908	1.26	0.612	---	---	---	---	21
22	---	---	---	---	---	0.946	1.24	0.592	---	---	---	---	22
23	---	---	---	---	---	0.972	1.19	0.589	---	---	---	---	23
24	---	---	---	---	---	0.974	1.22	0.579	---	---	---	---	24
25	---	---	---	---	---	1.03	1.20	0.566	---	---	---	---	25
26	---	---	---	---	---	1.07	1.16	0.594	---	---	---	---	26
27	---	---	---	---	---	1.12	1.09	0.575	---	---	---	---	27
28	---	---	---	---	---	1.16	1.08	0.572	0.494A	---	---	---	28
29	---	---	---	---	---	1.22	1.05	0.558	---	---	---	---	29
30	---		---	---	---	1.26	1.02	0.570	---	---	---	---	30
31	---		---		---		0.977	0.573		---		---	31
TOTAL	---	---	---	---	---	---	40.397	21.935	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	1.30	0.708	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	1.54	0.946	---	---	---	---	MAX
MIN	---	---	---	---	---	---	0.977	0.558	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.54 ON JUL 05

MAXIMUM INSTANTANEOUS,
1.58 AT 15:18 MST ON JUL 05

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 26 08 N
LONG 132 54 07 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 490
FEB	---	AUG	1 900
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

NORTHWEST TERRITORIES

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.378B	60.1	13.0	10.6	18.2	2.50 B	0B	1
2	0B	0B	0B	0B	0 B	0.580B	55.6	12.2	10.5	17.2	2.36 B	0B	2
3	0B	0B	0B	0B	0 B	0.800B	51.7	12.0	9.59	15.9	2.22 B	0B	3
4	0B	0B	0B	0B	0 B	1.00 B	48.3	11.7	9.90	14.9	2.09 B	0B	4
5	0B	0B	0B	0B	0 B	1.25 B	45.5	11.4	9.65	14.2	1.95 B	0B	5
6	0B	0B	0B	0B	0 B	2.30 B	42.7	11.2	9.58	13.4	1.80 B	0B	6
7	0B	0B	0B	0B	0 B	4.00 B	40.2	10.8	9.16	12.7	1.65 B	0B	7
8	0B	0B	0B	0B	0 B	25.2 B	38.1	10.5	10.4	12.0	1.45 B	0B	8
9	0B	0B	0B	0B	0 B	53.0 B	36.1	10.2	10.8	11.0	1.30 B	0B	9
10	0B	0B	0B	0B	0 B	20.5 B	34.1	10.0	10.8	8.69	1.10 B	0B	10
11	0B	0B	0B	0B	0 B	19.9 B	32.2	9.77	11.9	9.23	0.950B	0B	11
12	0B	0B	0B	0B	0 B	32.8	30.5	9.08	12.8	8.80	0.750B	0B	12
13	0B	0B	0B	0B	0 B	36.1	29.2	8.81	13.0	8.16A	0.600B	0B	13
14	0B	0B	0B	0B	0 B	38.5	27.9	8.82	13.2	7.60E	0.400B	0B	14
15	0B	0B	0B	0B	0 B	37.7	26.4	8.73	13.4	7.25B	0.200B	0B	15
16	0B	0B	0B	0B	0 B	37.1	24.6	8.78	13.6	6.70B	0 B	0B	16
17	0B	0B	0B	0B	0 B	48.1	22.8	8.77	14.4	6.30B	0 B	0B	17
18	0B	0B	0B	0B	0 B	67.3	21.3	9.05	15.1	6.00B	0 B	0B	18
19	0B	0B	0B	0B	0 B	84.1	19.9	8.96	15.5	5.70B	0 B	0B	19
20	0B	0B	0B	0B	0 B	93.3	18.6	8.82	15.8	5.35B	0 B	0B	20
21	0B	0B	0B	0B	0 B	90.0	18.0	8.81	15.9	5.00B	0 B	0B	21
22	0B	0B	0B	0B	0 B	83.4	16.9	8.96	15.7	4.70B	0 B	0B	22
23	0B	0B	0B	0B	0 B	79.0	15.9	9.04	16.5	4.35B	0 B	0B	23
24	0B	0B	0B	0B	0 B	78.6	15.4	9.21	17.6	4.15B	0 B	0B	24
25	0B	0B	0B	0B	0 B	80.3	15.0	9.37	17.8	3.85B	0 B	0B	25
26	0B	0B	0B	0B	0 B	81.4	15.0	9.79	18.4	3.60B	0 B	0B	26
27	0B	0B	0B	0B	0 B	79.1	14.6	10.2	18.8	3.40B	0 B	0B	27
28	0B	0B	0B	0B	0.063B	74.8	13.6	10.3	19.3	3.20B	0 B	0B	28
29	0B		0B	0B	0.126B	69.5	13.9	10.4	18.8	3.00B	0 B	0B	29
30	0B		0B	0B	0.189B	64.2	13.4	10.5	18.0	2.80B	0 B	0B	30
31	0B		0B		0.250B		12.8	10.5		2.65B			31
TOTAL	0	0	0	0	0.628	1 354.208	870.3	309.67	416.48	249.98	21.320	0	TOT
MEAN	0	0	0	0	0.020	45.1	28.1	9.99	13.9	8.06	0.711	0	MEA
MAX	0	0	0	0	0.250	93.3	60.1	13.0	19.3	18.2	2.50	0	MAX
MIN	0	0	0	0	0	0.378	12.8	8.73	9.16	2.65	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 93.3 ON JUN 20
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
94.8 AT 15:43 MST ON JUN 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 48 31 N
LONG 107 06 13 W
DRAINAGE AREA, 1 530 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	75 200
FEB	0	AUG	26 800
MAR	0	SEP	36 000
APR	0	OCT	21 600
MAY	54.2	NOV	1 840
JUN	117 000	DEC	0

TOTAL DISCHARGE, 278 000 dam³

GREAT BEAR LAKE AT HORNBY BAY - STATION NO. 10JE002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.272	---	6.225	6.200	6.195	6.207	6.287	6.314	6.291	6.293	6.245	6.218
2	6.278	---	6.181	6.210	6.191	6.196	6.288	6.307	6.338	6.294	6.250	6.184
3	6.280	---	6.201	6.206	6.178	6.215	6.288	6.307	6.302	6.291	6.248	6.162
4	6.274	---	6.199	6.178	6.190	6.232	6.293	6.309	6.301	6.298	6.245	6.242
5	6.252	---	6.214	6.222	6.185	6.243	6.291	6.296	6.280	6.295	6.298	6.222
6	6.241	---	6.214	6.246	6.175	6.234	6.292	6.285	6.320	6.286	6.207	6.180
7	6.218	---	6.261	6.247	6.174	6.222	6.283	6.283	6.317	6.286	6.173	6.216
8	6.228	---	6.231	6.233	6.201	6.223	6.281	6.272	6.323	6.258	6.175	6.221
9	6.242	---	6.218	6.214	6.202	6.232	6.286	6.273	6.311	6.274	6.172	6.194
10	6.272	---	6.212	6.217	6.190	6.234	6.290	6.288	6.295	6.257	6.195	6.180
11	6.234	---	6.185	6.241	6.184	6.235	6.313	6.309	6.263	6.232	6.194	6.173
12	6.207	---	6.190	6.213	6.191	6.250	6.314	6.314	6.264	6.237	6.174	6.165
13	6.225	---	6.224	6.201	6.188	6.238	6.301	6.311	6.264	6.248	6.185	6.185
14	6.245	---	6.207	6.220	6.188	6.223	6.301	6.294	6.261	6.242	6.218	6.188
15	6.268	---	6.245	6.206	6.179	6.234	6.290	6.269	6.270	6.244	6.186	6.172
16	6.250	---	6.226	6.197	6.181	6.241	6.297	6.256	6.280	6.251	6.229	6.188
17	6.228	---	6.212	6.184	6.172	6.244	6.308	6.271	6.276	6.245	6.253	6.212
18	6.200	---	6.254	6.193	6.164	6.251	6.304	6.308	6.259	6.242	6.237	6.198
19	6.186	---	6.248	6.198	6.164	6.253	6.292	6.281	6.260	6.245	6.226	6.172
20	6.228	---	6.231	6.214	6.156	6.251	6.305	6.305	6.280	6.230	6.203	6.179
21	6.241	6.222A	6.255	6.202	6.144	6.237	6.304	6.322	6.264	6.221	6.204	6.208
22	6.229	6.224	6.223	6.206	6.152	6.244	6.318	6.313	6.280	6.254	6.212	6.229
23	6.225	6.232	6.242	6.201	6.148	6.232	6.311	6.309	6.279	6.238	6.196	6.226
24	6.231	6.170	6.238	6.182	6.160	6.250	6.292	6.321	6.300	6.191	6.202	6.198
25	6.214A	6.256	6.196	6.173	6.180	6.284	6.289	6.324	6.298	6.263	6.192	6.174
26	6.213E	6.196	6.189	6.174	6.162	6.289	6.296	6.291	6.302	6.240	6.177	6.209
27	6.220E	6.191	6.212	6.201	6.137	6.294	6.308	6.283	6.279	6.170	6.194	6.217
28	6.216E	6.269	6.202	6.184	6.155	6.297	6.300	6.314	6.287	6.163	6.201	6.199
29	6.214E		6.191	6.208	6.190	6.291	6.285	6.317	6.321	6.198	6.220	6.201
30	6.212E		6.201	6.210	6.196	6.286	6.312	6.311	6.279	6.213	6.224	6.226
31	6.210E		6.207		6.198		6.297	6.298		6.235		6.217
MEAN	6.234	---	6.217	6.206	6.176	6.245	6.297	6.298	6.288	6.246	6.211	6.199
MAX	6.280	---	6.261	6.247	6.202	6.297	6.318	6.324	6.338	6.298	6.298	6.242
MIN	6.186	---	6.181	6.173	6.137	6.196	6.281	6.256	6.259	6.163	6.172	6.165

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.338 ON SEP 02
MINIMUM DAILY, 6.137 ON MAY 27
MAXIMUM INSTANTANEOUS,
6.428 AT 22:24 MST ON SEP 06

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 36 00 N
LONG 117 37 10 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

NORTHWEST TERRITORIES

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	476	480	450	450	453	462	493	488	---	508	---	494	1
2	472	475	458	451	451	465	493	490	---	507	---	502	2
3	471	467	454	452	455	461	492	490	---	509	---	509	3
4	468	471	454	466	452	459	491	492	---	504	---	490	4
5	477	471	451	454	452	458	491	493	---	508	---	---	5
6	482	475	445	452	453	458	493	497	---	505	---	---	6
7	486	466	431	447	451	465	487	494	---	506	---	---	7
8	483	465	447	456	444	470	492	499	---	509	---	---	8
9	479	474	450	458	447	470	491	---	---	514	---	---	9
10	470	468	450	457	443	474	495	---	---	511	---	---	10
11	485	460	450	453	438	474	485	---	---	506	---	---	11
12	487	457	448	456	440	475	492	---	---	496	---	---	12
13	485	465	446	454	438	478	491	---	---	498	---	---	13
14	479	464	450	450	440	484	492	---	---	503	---	---	14
15	472	453	441	453	442	480	495	---	---	503	---	---	15
16	480	465	449	459	441	480	494	---	---	501	---	---	16
17	485	464	452	462	445	479	489	---	---	498	---	---	17
18	486	473	447	457	447	479	489	---	---	497	---	---	18
19	492	464	449	459	446	478	491	---	---	492	---	---	19
20	479	462	453	454	449	481	492	---	---	494	---	---	20
21	475	466	446	458	451	487	490	---	---	492	487	---	21
22	478	459	431	456	448	486	488	---	---	487	485	---	22
23	477	450	425	456	446	492	487	---	---	---	490	---	23
24	472	460	431	460	444	490	490	---	---	---	491	---	24
25	474	444	442	463	440	485	497	---	---	---	495	---	25
26	475	461	441	461	448	485	492	---	499	---	500	---	26
27	471	462	447	454	456	487	490	---	498	---	493	---	27
28	458	435	446	457	454	485	492	---	506	---	495	---	28
29	465		451	447	453	486	495	---	503	---	489	---	29
30	465		449	452	456	491	492	---	510	---	492	---	30
31	475		446		461		495	---		---		---	31
TOTAL	14 779	12 976	13 830	13 671	13 884	14 304	15 236	---	---	---	---	---	TOTAL
MEAN	477	463	446	456	448	477	491	---	---	---	---	---	MEAN
MAX	492	480	458	466	461	492	497	---	---	---	---	---	MAX
MIN	458	435	425	447	438	458	485	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 425 ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 08 05 N
LONG 123 31 06 W
DRAINAGE AREA, 145 000 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280 000	JUL	1 320 000
FEB	1 120 000	AUG	---
MAR	1 190 000	SEP	---
APR	1 180 000	OCT	---
MAY	1 200 000	NOV	---
JUN	1 240 000	DEC	---

GREAT SLAVE LAKE AT HAY RIVER - STATION NO. 07OB002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1.379	1.399	1.486	1.621	1.443	1.529	---	1.413	1.295	1.212	1.204	1
2	---	1.395	1.456	1.447	1.465	1.449	1.521	---	1.415	1.318	1.174	1.226	2
3	---	1.371	1.456	1.457	1.437	1.460	1.504	---	1.413	1.297	1.191	1.249	3
4	---	1.371	1.452	1.461	1.427	1.448	1.526	---	1.444	1.271	1.235	1.193	4
5	---	1.385	1.450	1.448	1.541	1.443	1.523	---	1.396	1.268	1.155	1.226	5
6	---	1.380	1.451	1.420	1.698	1.451	1.530	---	1.379	1.249	1.186	1.253	6
7	---	1.389	1.425	1.431	1.481	1.487	1.536	---	1.413	1.218	1.234	1.242	7
8	---	1.364	1.430	1.436	1.461	1.453	1.527	---	1.383	1.199	1.368	1.229	8
9	---	1.390	1.430	1.434	1.443	1.463	1.526	---	1.370	1.238	1.296	1.253	9
10	---	1.410	1.458	1.445	1.434	1.467	1.526	---	1.394	1.341	1.253	1.244	10
11	---	1.376	1.444	1.436	1.438	1.499	1.510	---	1.373	1.239	1.209	1.232	11
12	---	1.377	1.455	1.436	1.441	1.488	1.510	---	1.351	1.248	1.218	1.250	12
13	---	1.384	1.446	1.445	1.430	1.465	1.498	---	1.352	1.264	1.172	1.239	13
14	---	1.377	1.451	1.434	1.429	1.490	1.569	---	1.346	1.249	1.137	1.231	14
15	---	1.376	1.426	1.439	1.434	1.510	1.526	---	1.332	1.259	1.167	1.243	15
16	---	1.389	1.423	1.450	1.429	1.495	1.533	---	1.324	1.250	1.156	1.257	16
17	---	1.386	1.436	1.472	1.429	1.491	1.532	---	1.339	1.215	1.177	1.212	17
18	---	1.411	1.427	1.453	1.415	1.486	1.514A	---	1.329	1.218	1.174	1.206	18
19	---	1.414	1.426	1.460	1.417	1.485	---	---	1.320	1.199	1.155	1.224	19
20	---	1.377	1.429	1.455	1.404	1.492	---	---	1.296	1.199	1.180	1.246	20
21	---	1.411	1.417	1.459	1.404	1.511	---	---	1.278	1.194	1.196	1.241	21
22	---	1.419	1.417	1.439	1.394	1.511	---	---	1.283	1.205	1.153	1.234	22
23	---	1.390	1.421	1.445	1.392	1.523	---	---	1.278	1.202	1.170	1.242	23
24	1.346A	1.441	1.425	1.451	1.382	1.518	---	---	1.256	1.151	1.181	1.220	24
25	1.345	1.406	1.458	1.461	1.385	1.530	---	---	1.286	1.188	1.185	1.262	25
26	1.346	1.423	1.479	1.449	1.409	1.529	---	---	1.296	1.220	1.228	1.254	26
27	1.354	1.433	1.457	1.530	1.433	1.532	---	---	1.288	1.232	1.202	1.224	27
28	1.328	1.395	1.452	1.585	1.443	1.525	---	---	1.227	1.240	1.232	1.239	28
29	1.332		1.450	1.582	1.442	1.518	---	---	1.273	1.242	1.203	1.261	29
30	1.323		1.456	1.577	1.444	1.533	---	---	1.293	1.216	1.199	1.233	30
31	1.354		1.484		1.503		---	1.412A		1.223		1.222	31
MEAN	---	1.394	1.441	1.464	1.449	1.490	---	---	1.338	1.237	1.200	1.235	MEAN
MAX	---	1.441	1.484	1.585	1.698	1.533	---	---	1.444	1.341	1.368	1.262	MAX
MIN	---	1.364	1.399	1.420	1.382	1.443	---	---	1.227	1.151	1.137	1.193	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.698 ON MAY 06
MINIMUM DAILY, 1.137 ON NOV 14
MAXIMUM INSTANTANEOUS,
1.879 AT 16:24 MST ON MAY 05

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 00 N
LONG 115 48 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)
APPLY 155.530 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

NORTHWEST TERRITORIES

GREAT SLAVE LAKE AT RELIANCE - STATION NO. 07SC003

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.043	2.086E	2.205	2.166	2.188	2.225	2.353	---	2.199E	2.276	2.328	2.231	1
2	2.055	2.088E	2.181	2.174	2.171	2.240	2.342	---	2.197E	2.315	2.320	2.228	2
3	2.069	2.091E	2.136	2.188	2.171	2.236	2.339	---	2.194E	2.326	2.294	2.254	3
4	2.073	2.093E	2.124	2.175	2.147	2.259	2.338	---	2.192E	2.307	2.283	2.235	4
5	2.070	2.095E	2.132	2.157	2.157	2.271	2.335	---	2.190E	2.295	2.281	2.191	5
6	2.051	2.097E	2.135	2.210	2.129	2.276	2.345	---	2.184A	2.292	2.280	2.219	6
7	2.029	2.100A	2.155	2.223	2.134	2.274	2.336	---	2.183	2.306	2.325	2.220	7
8	2.028	2.136	2.176	2.215	2.161	2.274	2.330	---	2.195	2.313	2.384	2.199	8
9	2.043	2.122	2.181	2.213	2.183	2.269	2.318	---	2.191	2.271	2.420	2.198	9
10	2.047	2.097	2.163	2.208	2.199	2.281	2.310A	---	2.199	2.291	2.397	2.215	10
11	2.089	2.124	2.146	2.209	2.193	2.264	---	---	2.222	2.330	2.356	2.212	11
12	2.056	2.145	2.134	2.215	2.182	2.272	---	---	2.253	2.376	2.382	2.234	12
13	2.042	2.156	2.136	2.199	2.189	2.291	---	---	2.244	2.386	2.376	2.237	13
14	2.050	2.154	2.152	2.202	2.190	2.279	---	---	2.233	2.351	2.288	2.223	14
15	2.084	2.160	2.151	2.213	2.184	2.259	---	---	2.237	2.343	2.283	2.225	15
16	2.086	2.148	2.199	2.214	2.182	2.254	---	---	2.233	2.350	2.304	2.234	16
17	2.087	2.135	2.185	2.179	2.183	2.263	---	---	2.202	2.345	2.269	2.201	17
18	2.055	2.143	2.176	2.163	2.185	2.279	---	---	2.235	2.372	2.265	2.165	18
19	2.031	2.123	2.198	2.180	2.177	2.306	---	---	2.280	2.368	2.263	2.170	19
20	2.007A	2.154	2.206	2.183	2.181	2.312	---	---	2.283	2.335	2.276	2.198	20
21	---	2.170	2.218	2.190	2.156	2.323	---	---	2.276	2.358	2.285	2.204	21
22	---	2.132	2.223	2.187	2.167	2.318	---	---	2.274	2.373	2.279	2.163	22
23	---	2.153	2.223	2.199	2.172	2.301	---	---	2.292	2.359	2.277	2.161	23
24	---	2.142	2.228	2.172	2.180	2.313	---	---	2.264	2.384	2.267	2.134	24
25	---	2.135	2.200	2.149	2.205	2.311	---	---	2.228	2.342	2.257	2.154	25
26	---	2.165	2.164	2.147	2.199	2.329	---	---	2.260	2.328	2.260	2.180	26
27	---	2.139	2.161	2.156	2.176	2.347	---	---	2.279	2.336	2.277	2.125	27
28	---	2.150	2.166	2.174	2.174	2.352	---	---	2.295	2.411	2.277	2.138	28
29	---		2.186	2.170	2.198	2.370	---	---	2.273	2.368	2.266	2.156	29
30	---		2.176	2.195	2.221	2.361	---	---	2.239	2.384	2.249	2.154	30
31	---		2.169		2.202		---	---		2.366		2.134	31
MEAN	---	2.130	2.174	2.188	2.179	2.290	---	---	2.234	2.341	2.302	2.193	MEAN
MAX	---	2.170	2.228	2.223	2.221	2.370	---	---	2.295	2.411	2.420	2.254	MAX
MIN	---	2.086	2.124	2.147	2.129	2.225	---	---	2.183	2.271	2.249	2.125	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.420 ON NOV 09

MAXIMUM INSTANTANEOUS,
2.437 AT 22:18 MST ON NOV 09

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 42 50 N
LONG 109 10 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 07SB001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	156.586	156.636	---	156.763E	156.702	156.751	156.855	156.789	156.736	156.614	156.462	156.509	1
2	156.592	156.639	---	156.753E	156.699	156.766	156.852	156.809	156.697	156.600	156.487	156.509	2
3	156.597	156.646	---	156.743A	156.696	156.765	156.848	156.816	156.696	156.588	156.489	156.501	3
4	156.597	156.653	---	156.733	156.696	156.771	156.843	156.819	156.688	156.593	156.438	156.520	4
5	156.585	156.649	---	156.740	156.684	156.768	156.845	156.814	156.704	156.600	156.483	156.524	5
6	156.585	156.661	---	156.733	156.669	156.777	156.846	156.804	156.719	156.604	156.484	156.516	6
7	156.584	156.660	---	156.724	156.682	156.760	156.842	156.800	156.658	156.617	156.443	156.524	7
8	156.591	156.663	---	156.720	156.687	156.782	156.837	156.806	156.670	156.532	156.396	156.530	8
9	156.595	156.662	---	156.730	156.683	156.790	156.843	156.805	156.668	156.534	156.415	156.528	9
10	156.603	156.662	---	156.732	156.691	156.777	156.845	156.797	156.641	156.517	156.443	156.526	10
11	156.596	156.669	---	156.722	156.694	156.781	156.849	156.796	156.654	156.575	156.476	156.524	11
12	156.593	156.675	---	156.732	156.693	156.780	156.830	156.784	156.666	156.567	156.509	156.532	12
13	156.599	156.675	---	156.733	156.697	156.806	156.833	156.770	156.672	156.544	156.509	156.531	13
14	156.610	156.667	---	156.738	156.701	156.799	156.790	156.772	156.664	156.535	156.463	156.534	14
15	156.611	156.679	---	156.740	156.700	156.798	156.829	156.749	156.669	156.534	156.497	156.540	15
16	156.608	156.687	---	156.741	156.705	156.803	156.830	156.766	156.661	156.532	156.496	156.540	16
17	156.601	156.682	---	156.733	156.704	156.807	156.831	156.789	156.599	156.498	156.448	156.549	17
18	156.597	156.675	---	156.735	156.702	156.810	156.840	156.760	156.628	156.505	156.464	156.553	18
19	156.606	156.683	---	156.736	156.702	156.821	156.846	156.752	156.633	156.490	156.459	156.555	19
20	156.618	156.692	---	156.736	156.694	156.835	156.843	156.760	156.644	156.487	156.486	156.567	20
21	156.624	156.683	---	156.727	156.704	156.841	156.841	156.724	156.655	156.536	156.457	156.575	21
22	156.620	156.682	---	156.724	156.714	156.848	156.832	156.668	156.628	156.477	156.474	156.573	22
23	156.628	156.700A	---	156.723	156.710	156.870	156.832	156.711	156.648	156.496	156.497	156.570	23
24	156.631	156.692E	---	156.714	156.717	156.867	156.835	156.734	156.617	156.576	156.494	156.576	24
25	156.627	156.694E	---	156.699	156.710	156.865	156.836	156.726	156.586	156.487	156.495	156.575	25
26	156.627	156.697E	---	156.705	156.708	156.861	156.813	156.723	156.614	156.439	156.486	156.575	26
27	156.626	156.700E	---	156.709	156.707	156.867	156.801	156.729	156.627	156.492	156.492	156.573	27
28	156.634	156.704E	---	156.714	156.725	156.856	156.814	156.719	156.692	156.508	156.491	156.574	28
29	156.639		---	156.708	156.733	156.861	156.809	156.727	156.617	156.471	156.498	156.576	29
30	156.639		---	156.703	156.733	156.863	156.805	156.705	156.597	156.510	156.505	156.586	30
31	156.639		---		156.719		156.795	156.720		156.480		156.577	31
MEAN	156.609	156.674	---	156.728	156.702	156.812	156.832	156.763	156.656	156.536	156.475	156.547	MEAN
MAX	156.639	156.704	---	156.763	156.735	156.870	156.855	156.819	156.736	156.632	156.509	156.586	MAX
MIN	156.584	156.636	---	156.699	156.669	156.751	156.790	156.668	156.586	156.439	156.396	156.501	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 156.870 ON JUN 23
MINIMUM DAILY, 156.396 ON NOV 08
MAXIMUM INSTANTANEOUS,
157.026 AT 18:37 MST ON AUG 06

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1968 ADJ.)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 26 30 N
LONG 114 21 00 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

NORTHWEST TERRITORIES

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	19.4B	35.2	4.74	1.11	1.89	0B	0B	1
2	0B	0B	0B	0B	0 B	29.5B	33.2	4.44	1.05	1.82	0B	0B	2
3	0B	0B	0B	0B	0 B	46.8B	31.0	4.21	1.02	1.80	0B	0B	3
4	0B	0B	0B	0B	0 B	52.2E	29.2	4.08	0.995	1.77	0B	0B	4
5	0B	0B	0B	0B	0 B	59.9E	27.4	3.80	0.953	1.51	0B	0B	5
6	0B	0B	0B	0B	0 B	62.6E	25.7	3.50	0.935	1.57	0B	0B	6
7	0B	0B	0B	0B	0 B	64.0E	23.9	3.21	0.886	1.83	0B	0B	7
8	0B	0B	0B	0B	0 B	65.9E	21.9	2.84	0.878	1.64	0B	0B	8
9	0B	0B	0B	0B	0 B	66.3E	20.0	2.64	0.877	1.42	0B	0B	9
10	0B	0B	0B	0B	0 B	66.4E	18.9	2.52	0.878	0.957	0B	0B	10
11	0B	0B	0B	0B	0 B	66.3E	18.2	2.43	0.880	0.840B	0B	0B	11
12	0B	0B	0B	0B	0 B	65.8E	17.7	2.32	0.871	0.620B	0B	0B	12
13	0B	0B	0B	0B	0 B	64.6E	16.7	2.26	0.861	0.450B	0B	0B	13
14	0B	0B	0B	0B	0 B	62.8E	15.7	2.21	0.843	0.360B	0B	0B	14
15	0B	0B	0B	0B	0 B	61.2A	14.7	2.12	0.817	0.270B	0B	0B	15
16	0B	0B	0B	0B	0 B	58.6	13.7	2.02	0.909	0.230B	0B	0B	16
17	0B	0B	0B	0B	0 B	55.6	12.9	1.95	1.05	0.180B	0B	0B	17
18	0B	0B	0B	0B	0 B	56.5	12.0	1.77	1.13	0.140B	0B	0B	18
19	0B	0B	0B	0B	0 B	55.8	11.4	1.68	1.25	0.090B	0B	0B	19
20	0B	0B	0B	0B	0 B	54.6	10.7	1.62	1.29	0.060B	0B	0B	20
21	0B	0B	0B	0B	0 B	51.7	9.98	1.52	1.30	0.030B	0B	0B	21
22	0B	0B	0B	0B	0 B	49.3	9.42	1.45	1.34	0.010B	0B	0B	22
23	0B	0B	0B	0B	0 B	47.5	8.86	1.41	1.37	0.006B	0B	0B	23
24	0B	0B	0B	0B	0 B	45.8	8.37	1.35	1.37	0.003B	0B	0B	24
25	0B	0B	0B	0B	0 B	45.2	7.80	1.30	1.43	0 B	0B	0B	25
26	0B	0B	0B	0B	0.234B	44.4	7.09	1.22	1.59	0 B	0B	0B	26
27	0B	0B	0B	0B	0.550B	43.0	6.68	1.16	1.62 A	0 B	0B	0B	27
28	0B	0B	0B	0B	1.23 B	41.7	6.11	1.13	1.62	0 B	0B	0B	28
29	0B		0B	0B	2.82 B	40.1	5.64	1.13	1.84 A	0 B	0B	0B	29
30	0B		0B	0B	6.64 B	37.5	5.29	1.14	1.89	0 B	0B	0B	30
31	0B		0B		10.2 B		5.02	1.13		0 B		0B	31
TOTAL	0	0	0	0	21.674	1 580.0	490.26	70.30	34.853	19.496	0	0	TOTAL
MEAN	0	0	0	0	0.699	52.7	15.8	2.27	1.16	0.629	0	0	MEAN
MAX	0	0	0	0	10.2	66.4	35.2	4.74	1.89	1.89	0	0	MAX
MIN	0	0	0	0	0	19.4	5.02	1.13	0.817	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.07
MAXIMUM DAILY, 66.4E ON JUN 10
MINIMUM DAILY, 0B ON JAN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 51 30 N
LONG 121 15 55 W
DRAINAGE AREA, 3 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	42 400
FEB	0	AUG	6 070
MAR	0	SEP	3 010
APR	0	OCT	1 680
MAY	1 870	NOV	0
JUN	137 000	DEC	0

TOTAL DISCHARGE, 192 000 dam³

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.4 B	9.85B	8.55B	7.58B	6.85B	23.3B	126	87.7	86.2	86.7	37.0B	16.0B	1
2	12.3 B	9.80B	8.50B	7.57B	6.83B	30.0B	125	87.0	86.9	86.9	35.4B	15.7B	2
3	12.2 B	9.75B	8.45B	7.54B	6.81B	41.0B	122	85.9	87.9	86.5	34.3B	15.4B	3
4	12.1 B	9.70B	8.40B	7.51B	6.81B	51.0B	119	84.4	88.5	85.2	32.9B	15.2B	4
5	11.9 B	9.65B	8.37B	7.48B	6.82B	60.0B	118	82.9	89.7	84.6	31.7B	15.0B	5
6	11.8 B	9.60B	8.35B	7.45B	6.84B	66.5B	116	82.1	91.0	83.5	30.5B	14.8B	6
7	11.7 B	9.55B	8.30B	7.42B	6.86B	74.0B	114	80.4	91.3	82.7	29.6B	14.6B	7
8	11.6 B	9.40B	8.27B	7.40B	6.88B	79.0	111	82.7	91.8	82.1	28.5B	14.4B	8
9	11.5 B	9.42B	8.24B	7.38B	6.91B	83.8	108	82.9	93.1	81.5	27.6B	14.2B	9
10	11.5 B	9.39B	8.21B	7.36B	6.93B	93.3	106	81.8	93.4	78.4	26.6B	14.0B	10
11	11.4 B	9.36B	8.18B	7.34B	6.96B	95.8	104	80.8	93.3	75.8	25.7B	13.8B	11
12	11.4 B	9.28B	8.14B	7.31B	6.99B	96.7	101	80.4	93.2	74.4	25.0B	13.7B	12
13	11.3 B	9.23B	8.10B	7.29B	7.01B	110	98.1	79.8	93.2	69.9	24.3B	13.5B	13
14	11.2 B	9.19B	8.07B	7.26B	7.03B	117	96.7	78.9	93.2	69.7	23.6B	13.4B	14
15	11.1 B	9.15B	8.03B	7.23B	7.05B	122	97.3	77.9	93.1	68.5	22.9B	13.3B	15
16	11.0 B	9.10B	8.01B	7.20B	7.15B	126	96.6	77.4	92.4	66.2	22.3B	13.1B	16
17	10.9 B	9.05B	7.98B	7.18B	7.22B	131	97.1	77.3	91.5	67.5	21.7B	12.9B	17
18	10.8 B	9.00B	7.96B	7.15B	7.28B	133	97.5	76.6	90.0	64.2	21.2B	12.8B	18
19	10.7 B	8.97B	7.93B	7.12B	7.40B	135	97.3	76.8	91.2	60.5	20.6B	12.7B	19
20	10.6 B	8.92B	7.90B	7.08B	7.46B	136	96.5	77.3	89.9	61.7	20.0B	12.6B	20
21	10.6 B	8.88B	7.87B	7.06B	7.65B	137	95.6	77.0	88.2	59.0	19.6B	12.5B	21
22	10.5 B	8.82B	7.84B	7.04B	7.83B	137	95.5	76.6	87.3	60.0	19.1B	12.4B	22
23	10.5 B	8.78B	7.81B	7.02B	8.00B	136	95.0	75.6	86.9	54.0	18.6B	12.3B	23
24	10.4 B	8.75B	7.78B	7.00B	8.30B	136	95.1	75.9	86.9	54.2	18.4B	12.1B	24
25	10.4 B	8.72B	7.75B	6.99B	8.60B	134	94.1	78.3	88.2	58.3	18.0B	11.9B	25
26	10.3 B	8.68B	7.72B	6.97B	9.13B	133	93.3	79.0	89.8	58.1	17.6B	11.8B	26
27	10.2 B	8.64B	7.68B	6.95B	9.70B	130	92.5	79.1	90.3	45.0	17.3B	11.7B	27
28	10.1 B	8.60B	7.65B	6.95B	10.6 B	129	92.1	79.9	89.6	43.2	16.9B	11.6B	28
29	10.0 B		7.63B	6.92B	12.0 B	129	91.5	80.5	88.2	41.4B	16.6B	11.5B	29
30	10.0 B		7.62B	6.88B	14.5 B	128	91.0	81.1	87.3	39.6B	16.4B	11.5B	30
31	9.95B		7.60B		17.1 B		89.0	84.7		38.4B		11.4B	31
TOTAL	342.35	257.31	248.89	216.63	253.50	3 133.4	3 169.8	2 488.6	2 703.5	2 067.7	719.9	411.8	TOTAL
MEAN	11.0	9.19	8.03	7.22	8.18	104	102	80.3	90.1	66.7	24.0	13.3	MEAN
MAX	12.4	9.85	8.55	7.58	17.1	137	126	87.7	93.4	86.9	37.0	16.0	MAX
MIN	9.95	8.60	7.60	6.88	6.81	23.3	89.0	75.6	86.2	38.4	16.4	11.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.9
MAXIMUM DAILY, 137 ON JUN 21
MINIMUM DAILY, 6.81B ON MAY 03
MAXIMUM INSTANTANEOUS,
138 AT 01:25 MST ON JUN 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 36 07 N
LONG 105 07 52 W
DRAINAGE AREA, 5 770 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 600	JUL	274 000
FEB	22 200	AUG	215 000
MAR	21 500	SEP	234 000
APR	18 700	OCT	179 000
MAY	21 900	NOV	62 200
JUN	271 000	DEC	35 600

TOTAL DISCHARGE, 1 380 000 dam³

NORTHWEST TERRITORIES

HANS CREEK ABOVE ESKIMO LAKES - STATION NO. 10ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.013B	0B	0B	0B	0 B	3.50B	2.92	1.47	0 E	0.051B	0.002B	0B
2	0.011B	0B	0B	0B	0 B	10.0 E	2.81	1.38	0 E	0.046B	0.002B	0B
3	0.010B	0B	0B	0B	0 B	18.0 E	2.66	1.27	0.020A	0.042B	0.001B	0B
4	0.008B	0B	0B	0B	0 B	17.4 A	2.61	1.13	0.002A	0.039B	0.001B	0B
5	0.007B	0B	0B	0B	0 B	16.0	2.46	1.02	0 E	0.036B	0.001B	0B
6	0.006B	0B	0B	0B	0 B	14.8	2.31	0.910	0 E	0.033B	0.001B	0B
7	0.005B	0B	0B	0B	0 B	12.2	2.21	0.796	0 E	0.031B	0 B	0B
8	0.003B	0B	0B	0B	0 B	10.5	2.06	0.705	0 E	0.029B	0 B	0B
9	0.002B	0B	0B	0B	0 B	9.09	1.88	0.579	0 E	0.027B	0 B	0B
10	0.002B	0B	0B	0B	0 B	7.11	1.85	0.502	0 E	0.025B	0 B	0B
11	0.001B	0B	0B	0B	0 B	7.55	2.07	0.392	0 E	0.024B	0 B	0B
12	0.001B	0B	0B	0B	0 B	6.72	2.04	0.309	0 E	0.022B	0 B	0B
13	0.001B	0B	0B	0B	0 B	6.47	2.12	0.243	0 E	0.021B	0 B	0B
14	0.001B	0B	0B	0B	0 B	5.71	2.53	0.181	0 E	0.020B	0 B	0B
15	0 B	0B	0B	0B	0 B	5.31	2.88	0.121	0 E	0.018B	0 B	0B
16	0 B	0B	0B	0B	0 B	5.11	3.10	0.116	0 E	0.016B	0 B	0B
17	0 B	0B	0B	0B	0 B	4.89	3.16	0.105	0 E	0.015B	0 B	0B
18	0 B	0B	0B	0B	0 B	4.76	3.17	0.091	0 E	0.013B	0 B	0B
19	0 B	0B	0B	0B	0 B	4.59	3.19	0.073	0 E	0.012B	0 B	0B
20	0 B	0B	0B	0B	0 B	4.34	3.14	0.059	0 E	0.011B	0 B	0B
21	0 B	0B	0B	0B	0 B	4.16	3.09	0.054	0.020A	0.010B	0 B	0B
22	0 B	0B	0B	0B	0 B	4.06	2.99	0.047	0.023	0.009B	0 B	0B
23	0 B	0B	0B	0B	0 B	3.90	2.83	0.025	0.051	0.008B	0 B	0B
24	0 B	0B	0B	0B	0 B	3.77	2.65	0 A	0.061	0.007B	0 B	0B
25	0 B	0B	0B	0B	0.010B	3.54	2.41	0 E	0.068	0.006B	0 B	0B
26	0 B	0B	0B	0B	0.025B	3.41	2.25	0 E	0.080	0.005B	0 B	0B
27	0 B	0B	0B	0B	0.040B	3.26	2.16	0.023A	0.070	0.005B	0 B	0B
28	0 B	0B	0B	0B	0.070B	3.14	1.97	0.001A	0.067A	0.004B	0 B	0B
29	0 B		0B	0B	0.143B	3.10	1.83	0.003A	0.062E	0.004B	0 B	0B
30	0 B		0B	0B	0.400B	3.02	1.70	0 E	0.057E	0.003B	0 B	0B
31	0 B		0B		0.950B		1.59	0 E		0.003B		0B
TOTAL	0.071	0	0	0	1.638	209.11	76.64	11.605	0.581	0.595	0.008	0
MEAN	0.002	0	0	0	0.053	6.97	2.47	0.374	0.019	0.019	0	0
MAX	0.013	0	0	0	0.950	18.0	3.19	1.47	0.080	0.051	0.002	0
MIN	0	0	0	0	0	3.02	1.59	0	0	0.003	0	0

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.823
MAXIMUM DAILY, 18.0E ON JUN 03
MINIMUM DAILY, 0B ON JAN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 52 14 N
LONG 133 34 42 W
DRAINAGE AREA, 329 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6.13	JUL	6 620
FEB	0	AUG	1 000
MAR	0	SEP	50.2
APR	0	OCT	51.4
MAY	142	NOV	0.691
JUN	18 100	DEC	0

TOTAL DISCHARGE, 26 000 dam³

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.002B	0.002B	0.002B	0.001B	2.50B	3.83	2.66	1.94	5.79	4.14	1.27 B	0.630B
2	0.002B	0.002B	0.002B	0.001B	2.90B	2.63	2.40	4.31	5.83	4.02	1.18 B	0.630B
3	0.002B	0.002B	0.002B	0.001B	3.38B	2.37	2.12	6.87	5.70	3.83	1.12 B	0.221B
4	0.002B	0.002B	0.002B	0.001B	4.11B	2.17	1.86	7.96	5.45	3.66	1.04 B	0.218B
5	0.002B	0.002B	0.002B	0.001B	4.85	2.08	1.69	8.59	5.22	3.51	0.980B	0.215B
6	0.002B	0.002B	0.002B	0.001B	5.38	2.21	1.51	8.53	5.01	3.26	0.920B	0.212B
7	0.002B	0.002B	0.002B	0.001B	5.65	2.55	1.36	9.85	4.72	3.02	0.860B	0.208B
8	0.002B	0.002B	0.002B	0.001B	6.16	3.20	1.20	12.1	4.58	2.88	0.810B	0.204B
9	0.002B	0.002B	0.002B	0.001B	6.40	4.12	1.12	13.9	4.48	2.77E	0.760B	0.200B
10	0.002B	0.002B	0.002B	0.001B	6.36	4.48	1.01	13.8	4.45	2.70E	0.720B	0.193B
11	0.002B	0.003B	0.002B	0.001B	5.98	4.63	0.876	12.1	4.60	2.60E	0.670B	0.184B
12	0.002B	0.003B	0.002B	0.001B	5.70	4.50	0.778	10.4	4.64	2.55E	0.630B	0.177B
13	0.002B	0.003B	0.002B	0.002B	5.38	4.14	0.791	8.91	4.77	2.50E	0.630B	0.171B
14	0.002B	0.003B	0.002B	0.002B	5.02	3.76	1.21	7.95	4.86	2.45E	0.630B	0.166B
15	0.002B	0.003B	0.002B	0.002B	4.67	3.47	2.69	6.99	4.83	2.40B	0.630B	0.162B
16	0.002B	0.003B	0.002B	0.003B	4.44	3.15	3.03	6.34	4.78	2.39B	0.630B	0.148B
17	0.002B	0.003B	0.002B	0.003B	4.37	2.93	2.93	6.09	4.68	2.37B	0.630B	0.137B
18	0.002B	0.003B	0.002B	0.003B	3.97	2.87	2.68	6.05	4.43	2.35B	0.630B	0.129B
19	0.002B	0.003B	0.002B	0.004B	3.76	3.03	2.38	6.21	4.20	2.32B	0.630B	0.109B
20	0.002B	0.003B	0.002B	0.080B	3.57	3.61	2.09	6.26	3.99	2.27B	0.630B	0.102B
21	0.002B	0.003B	0.001B	0.210B	3.49	3.67	1.81	6.03	3.81	2.21B	0.630B	0.099B
22	0.002B	0.003B	0.001B	0.310B	3.52	3.77	1.68	6.12	3.62	2.15B	0.630B	0.097B
23	0.002B	0.003B	0.001B	0.466B	3.61	3.62	1.55 E	6.19	3.56	2.08B	0.630B	0.096B
24	0.002B	0.003B	0.001B	0.580B	3.63	3.47	1.44 E	6.14	3.44	2.02B	0.630B	0.095B
25	0.002B	0.003B	0.001B	0.740B	3.64	3.24	1.31 E	5.80	3.27	1.95B	0.630B	0.094B
26	0.002B	0.003B	0.001B	0.920B	3.56	3.04	1.24 A	5.44	3.34	1.85B	0.630B	0.092B
27	0.002B	0.003B	0.001B	1.15 B	3.52	2.98	1.20	5.14	3.70	1.73B	0.630B	0.090B
28	0.002B	0.003B	0.001B	1.45 B	3.39	3.18	1.43	4.82	4.13	1.62B	0.630B	0.087B
29	0.002B		0.001B	1.80 B	3.22	3.09	1.48	4.92	4.18	1.53B	0.630B	0.085B
30	0.002B		0.001B	2.10 B	3.13	2.83	1.41	5.40	4.19	1.44B	0.630B	0.091B
31	0.002B		0.001B		3.02		1.33	5.74		1.35B		0.091B
TOTAL	0.062	0.074	0.051	9.837	132.28	97.62	52.265	226.89	134.25	77.92	22.300	5.433
MEAN	0.002	0.003	0.002	0.328	4.27	3.25	1.69	7.32	4.48	2.51	0.743	0.175
MAX	0.002	0.003	0.002	2.10	6.40	4.63	3.03	13.9	5.83	4.14	1.27	0.630
MIN	0.002	0.002	0.001	0.001	2.50	2.08	0.778	1.94	3.27	1.35	0.630	0.085

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 13.9 ON AUG 09
MINIMUM DAILY, 0.001B ON MAR 21
MAXIMUM INSTANTANEOUS,
14.4 AT 19:01 MST ON AUG 09

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 41 N
LONG 121 17 26 W
DRAINAGE AREA, 701 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.36	JUL	4 520
FEB	6.39	AUG	19 600
MAR	4.41	SEP	11 600
APR	850	OCT	6 730
MAY	11 400	NOV	1 930
JUN	8 430	DEC	469

TOTAL DISCHARGE, 65 500 dam³

NORTHWEST TERRITORIES

HAY RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07OB008

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	284.551	284.487	284.451	284.501	287.109	286.395	285.346	284.747	284.499	284.211	284.200	284.285	1
2	284.543	284.490	284.451	284.503	286.961	286.732	285.306	284.724	284.477	284.217	284.197	284.285	2
3	284.535	284.490	284.452	284.504	286.810	286.784	285.271	284.708	284.449	284.234	284.205	284.281	3
4	284.532	284.492	284.453	284.501	286.711	286.674	285.245	284.737	284.425	284.253	284.209	284.280	4
5	284.527	284.494	284.455	284.498	286.698	286.541	285.220	284.763	284.407	284.275	284.212	284.279	5
6	284.523	284.495	284.453	284.499	286.758	286.485	285.196	284.763	284.389	284.290	284.220	284.284	6
7	284.521	284.497	284.451	284.503	286.896	286.446	285.167	284.751	284.374	284.295	284.228	284.297	7
8	284.519	284.496	284.451	284.507	287.051	286.439	285.149	284.730	284.355	284.299	284.234	284.307	8
9	284.518	284.492	284.446	284.511	287.179	286.469	285.136	284.697	284.342	284.305	284.239	284.312	9
10	284.516	284.490	284.446	284.509	287.249	286.431	285.137	284.674	284.334	284.304	284.252	284.312	10
11	284.517	284.488	284.447	284.501	287.291	286.329	285.184	284.651	284.312	284.298	284.262	284.309	11
12	284.516	284.482	284.446	284.497	287.299	286.240	285.191	284.633	284.293	284.304	284.265	284.301	12
13	284.513	284.480	284.445	284.498	287.260	286.189	285.190	284.605	284.293	284.303	284.269	284.295	13
14	284.507	284.478	284.446	284.498	287.187	286.145	285.191	284.570	284.286	284.299	284.259	284.296	14
15	284.504	284.474	284.446	284.501	287.099	286.110	285.160	284.533	284.275	284.299	284.254	284.278	15
16	284.503	284.470	284.447	284.524	287.000	286.106	285.151	284.497	284.265	284.269	284.253	284.271	16
17	284.499	284.467	284.450	284.558	286.898	286.166	285.254	284.469	284.254	284.210	284.252	284.271	17
18	284.494	284.464	284.453	284.599	286.796	286.305	285.286	284.446	284.244	284.233	284.250	284.269	18
19	284.489	284.460	284.455	284.651	286.698	286.337	285.258	284.416	284.247	284.257	284.255	284.267	19
20	284.487	284.456	284.454	284.717	286.606	286.248	285.235	284.388	284.251	284.251	284.259	284.267	20
21	284.487	284.455	284.461	284.785	286.512	286.121	285.195	284.368	284.248	284.243	284.262	284.271	21
22	284.483	284.456	284.467	284.957	286.431	286.002	285.145	284.342	284.248	284.244	284.260	284.268	22
23	284.483	284.456	284.475	285.241	286.354	285.885	285.097	284.359	284.240	284.230	284.263	284.269	23
24	284.481	284.455	284.481	285.601	286.284	285.771	285.058	284.379	284.237	284.234	284.271	284.276	24
25	284.483	284.454	284.479	286.454	286.217	285.673	285.014	284.370	284.241	284.248	284.273	284.287	25
26	284.486	284.454	284.478	287.308	286.177	285.598	284.971	284.381	284.237	284.251	284.276	284.294	26
27	284.486	284.454	284.483	287.935	286.155	285.533	284.931	284.505	284.239	284.232	284.276	284.296	27
28	284.488	284.453	284.490	287.389	286.135	285.487	284.898	284.559	284.236	284.181	284.274	284.285	28
29	284.488		284.492	287.203	286.107	285.437	284.861	284.561	284.233	284.152	284.279	284.291	29
30	284.488		284.494	287.174	286.078	285.389	284.814	284.537	284.230	284.196	284.284	284.278	30
31	284.488		284.496		286.077		284.776	284.512		284.219		284.275	31
MEAN	284.505	284.474	284.461	285.154	286.713	286.149	285.130	284.560	284.305	284.253	284.250	284.284	MEAN
MAX	284.551	284.497	284.496	287.935	287.299	286.784	285.346	284.763	284.499	284.305	284.284	284.312	MAX
MIN	284.481	284.453	284.445	284.497	286.077	285.389	284.776	284.342	284.230	284.152	284.197	284.267	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 284.855
MAXIMUM DAILY, 287.935 ON APR 27
MINIMUM DAILY, 284.152 ON OCT 29
MAXIMUM INSTANTANEOUS,
280.299 AT 00:42 MST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 00 16 N
LONG 116 58 09 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1982 ADJ.)

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0.050B	3 630	121	289	55.9	7.15 B	0B	1
2	0B	0B	0B	0B	0B	0.150B	4 060	124	272	52.7	6.45 B	0B	2
3	0B	0B	0B	0B	0B	0.300B	3 750	141	256	49.8	6.00 B	0B	3
4	0B	0B	0B	0B	0B	0.500B	3 250	168	236	48.1	5.50 B	0B	4
5	0B	0B	0B	0B	0B	0.950B	2 930	182	218	41.6	4.70 B	0B	5
6	0B	0B	0B	0B	0B	1.40 B	2 600	180	201	38.5	4.15 B	0B	6
7	0B	0B	0B	0B	0B	1.98 B	2 300	185	191	35.1	3.80 B	0B	7
8	0B	0B	0B	0B	0B	2.20 B	1 940	184	186	33.5	3.30 B	0B	8
9	0B	0B	0B	0B	0B	2.80 B	1 620	184	201	33.5	2.90 B	0B	9
10	0B	0B	0B	0B	0B	3.75 B	1 360	182	231	32.2	2.55 B	0B	10
11	0B	0B	0B	0B	0B	4.15 B	1 190	174	223	30.7	2.35 B	0B	11
12	0B	0B	0B	0B	0B	4.95 B	1 090	163	232	26.8	2.10 B	0B	12
13	0B	0B	0B	0B	0B	6.00 B	1 040	149	214	24.8	2.00 B	0B	13
14	0B	0B	0B	0B	0B	7.30 B	976	137	200	23.6 B	1.95 B	0B	14
15	0B	0B	0B	0B	0B	8.50 B	864	125	182	22.4 B	1.85 B	0B	15
16	0B	0B	0B	0B	0B	10.5 B	742	118	170	21.5 B	1.56 B	0B	16
17	0B	0B	0B	0B	0B	13.0 B	624	121	164	20.4 B	1.32 B	0B	17
18	0B	0B	0B	0B	0B	17.4 B	526	120	153	19.4 B	1.05 B	0B	18
19	0B	0B	0B	0B	0B	22.5 B	448	122	148	18.1 B	0.950B	0B	19
20	0B	0B	0B	0B	0B	28.6 B	391	123	128	17.1 B	0.850B	0B	20
21	0B	0B	0B	0B	0B	55.0 B	341	144	97.8	16.0 B	0.708B	0B	21
22	0B	0B	0B	0B	0B	115 B	302	177	93.5	15.0 B	0.567B	0B	22
23	0B	0B	0B	0B	0B	170 B	272	235	101	14.0 B	0.425B	0B	23
24	0B	0B	0B	0B	0B	289 B	249	251	100	13.2 B	0.283B	0B	24
25	0B	0B	0B	0B	0B	410 B	228	264	97.3	12.2 B	0.142B	0B	25
26	0B	0B	0B	0B	0B	603 B	213	279	92.2	11.8 B	0 B	0B	26
27	0B	0B	0B	0B	0B	940 B	197	305	85.1	10.4 B	0 B	0B	27
28	0B	0B	0B	0B	0B	1 330	180	330	77.3	9.85B	0 B	0B	28
29	0B		0B	0B	0B	1 790	167	336	78.0	9.00B	0 B	0B	29
30	0B		0B	0B	0B	2 500	134	322	73.2	8.20B	0 B	0B	30
31	0B		0B		0B		128	305		7.90B		0B	31
TOTAL	0	0	0	0	0	8 338.980	37 742	5 951	4 990.4	773.25	64.625	0	TOTAL
MEAN	0	0	0	0	0	278	1 220	192	166	24.9	2.15	0	MEAN
MAX	0	0	0	0	0	2 500	4 060	336	289	55.9	7.15	0	MAX
MIN	0	0	0	0	0	0.050	128	118	73.2	7.90	0	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 159
MAXIMUM DAILY, 4 060 ON JUL 02
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
4 120 AT 03:35 CST ON JUL 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 32 00 N
LONG 094 06 53 W
DRAINAGE AREA, 18 100 km²

B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	3 260 000
FEB	0	AUG	514 000
MAR	0	SEP	431 000
APR	0	OCT	66 800
MAY	0	NOV	5 580
JUN	720 000	DEC	0

TOTAL DISCHARGE, 5 000 000 dam³

NORTHWEST TERRITORIES

INDIN RIVER ABOVE CHALCO LAKE - STATION NO. 07SA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20B	2.46B	1.72B	1.37 B	0.783	7.02	38.6	11.0	6.60	5.17	5.09	4.16B	1
2	4.18B	2.45B	1.70B	1.35 B	0.753	6.77	36.6	10.5	6.69	5.15	5.02	4.11B	2
3	4.09B	2.41B	1.68B	1.29 B	0.732	7.95	34.6	10.2	6.57	5.16	4.93	4.11B	3
4	3.89B	2.40B	1.67B	1.23 B	0.692	11.4	34.0	9.67	6.60	5.09	4.98	4.28B	4
5	3.73B	2.38B	1.65B	1.19 B	0.677	16.7	33.1	9.42	6.35	5.05	4.77	4.46B	5
6	3.74B	2.37B	1.61B	1.21 B	0.667	22.7	31.9	9.05	6.29	5.09	4.65	4.33B	6
7	3.71B	2.35B	1.60B	1.18 B	0.661	29.6	30.9	8.83	6.13	5.19	4.60	3.93B	7
8	3.60B	2.33B	1.60B	1.17 B	0.662	36.3	29.6	8.40	6.01	5.17	4.52	3.84B	8
9	3.54B	2.32B	1.57B	1.14 B	0.659	42.2	28.4	8.12	5.91	5.59	4.44	3.78B	9
10	3.53B	2.27B	1.55B	1.11 B	0.636	48.0	27.2	8.04	5.83	5.76	4.44	3.45B	10
11	3.49B	2.23B	1.51B	1.11 B	0.623	50.5	25.9	8.11	5.63	5.67	4.44B	3.37B	11
12	3.39B	2.22B	1.48B	1.08 B	0.633	54.1	24.5	8.06	5.51	5.47	4.43B	3.24B	12
13	3.11B	2.20B	1.46B	1.06 B	0.650	54.8	23.0	8.37	5.39	5.31	4.48B	3.11B	13
14	2.89B	2.17B	1.40B	1.10 B	0.661	54.9	22.1	8.12	5.35	5.20	4.59B	2.81B	14
15	2.80B	2.13B	1.38B	1.11 B	0.646	55.5	21.5	7.67	5.48	5.16	4.71B	2.69B	15
16	2.81B	2.12B	1.36B	1.10 B	0.631	54.9	20.6	7.31	5.47	5.16	4.78B	2.56B	16
17	2.77B	2.10B	1.33B	1.11 B	0.625	55.8	19.7	7.25	5.42	5.15	4.80B	2.54B	17
18	2.64B	2.07B	1.32B	1.09 B	0.639	56.8	19.0	8.19	5.34	5.01	4.72B	2.50B	18
19	2.59B	2.03B	1.28B	1.05 B	0.647	56.3	18.1	7.88	5.26	4.87	4.52B	2.50B	19
20	2.68B	2.03B	1.26B	1.04 B	0.644	55.4	17.5	7.95	5.21	4.81	4.40B	2.52B	20
21	2.85B	2.02B	1.26B	1.05 B	0.632	53.4	16.9	7.89	5.26	4.88	4.32B	2.68B	21
22	2.84B	1.98B	1.22B	1.01 B	0.662	52.3	16.0	7.63	5.24	4.84	4.27B	2.61B	22
23	2.81B	1.93B	1.17B	0.943B	0.768	51.1	15.1	7.29	5.11	4.74	4.23B	2.43B	23
24	2.80B	1.90B	1.17B	0.890B	1.12	49.6	14.3	6.96	5.16	4.70	4.20B	2.23B	24
25	2.70B	1.91B	1.22B	0.862B	1.70	48.2	13.8	6.85	5.58	4.77	4.28B	2.20B	25
26	2.67B	1.87B	1.29B	0.867B	2.48	46.7	13.4	6.83	5.63	4.69	4.35B	2.15B	26
27	2.61B	1.83B	1.34B	0.877B	3.45	45.4	13.0	6.47	5.56	4.16	4.30B	2.09B	27
28	2.56B	1.81B	1.38B	0.870B	5.64	44.3	12.5	6.42	5.39	4.24	4.26B	2.01B	28
29	2.52B		1.41B	0.846B	9.42	42.4	12.0	6.39	5.32	4.51	4.27B	1.92B	29
30	2.49B		1.40B	0.815B	9.23	39.8	11.6	6.56	5.28	4.59	4.29B	1.84B	30
31	2.48B		1.39B		7.97		11.3	6.47		4.99		1.79B	31
TOTAL	96.71	60.29	44.38	32.120	57.793	1 250.84	686.7	247.90	170.57	155.25	136.08	92.24	TOTAL
MEAN	3.12	2.15	1.43	1.07	1.86	41.7	22.2	8.00	5.69	5.01	4.54	2.98	MEAN
MAX	4.20	2.46	1.72	1.37	9.42	56.8	38.6	11.0	6.69	5.76	5.09	4.46	MAX
MIN	2.48	1.81	1.17	0.815	0.623	6.77	11.3	6.39	5.11	4.16	4.20	1.79	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.30
MAXIMUM DAILY, 56.8 ON JUN 18
MINIMUM DAILY, 0.623 ON MAY 11
MAXIMUM INSTANTANEOUS,
57.1 AT 19:02 MST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 23 20 N
LONG 115 01 16 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 360	JUL	59 300
FEB	5 210	AUG	21 400
MAR	3 830	SEP	14 700
APR	2 780	OCT	13 400
MAY	4 990	NOV	11 800
JUN	108 000	DEC	7 970

TOTAL DISCHARGE, 262 000 dam³

JEAN-MARIE RIVER AT HIGHWAY NO. 1 - STATION NO. 10FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.499B	0.483B	0.326B	0.345B	3.71B	3.82	1.27	0.920	9.12	5.33	2.48B	1.40 B	1
2	0.502B	0.493B	0.325B	0.324B	4.06B	3.78	1.22	1.56	8.47	5.11	2.43B	1.37 B	2
3	0.492B	0.500B	0.337B	0.306B	4.52B	3.62	1.15	1.92	8.04	5.06	2.37B	1.33 B	3
4	0.475B	0.510B	0.347B	0.317B	4.91	3.45	1.10	2.20	7.67	4.96	2.32B	1.31 B	4
5	0.451B	0.518B	0.353B	0.342B	5.02	3.35	1.03	2.60	7.76	4.80	2.27B	1.37 B	5
6	0.472B	0.505B	0.354B	0.352B	5.29	3.29	0.917	3.09	7.87	4.66	2.22B	1.42 B	6
7	0.470B	0.490B	0.344B	0.349B	5.47	3.21	0.926	4.65	7.85	4.40	2.17B	1.40 B	7
8	0.487B	0.480B	0.331B	0.324B	5.55	3.20	0.889	6.96	8.00	4.26	2.14B	1.43 B	8
9	0.491B	0.470B	0.342B	0.300B	5.49	3.13	0.869	8.77	8.18	4.16	2.08B	1.34 B	9
10	0.489B	0.453B	0.350B	0.298B	5.56	2.87	0.855	10.2	8.27	3.98	2.03B	1.28 B	10
11	0.497B	0.440B	0.360B	0.296B	5.55	2.83	0.784	10.7	8.57	3.94	2.00B	1.24 B	11
12	0.503B	0.430B	0.365B	0.297B	5.43	2.71	0.718	10.4	8.89	3.93	1.95B	1.17 B	12
13	0.508B	0.415B	0.372B	0.313B	5.30	2.57	0.782	9.62	9.23	3.84	1.88B	1.17 B	13
14	0.512B	0.402B	0.368B	0.328B	5.18	2.56	0.921	8.73	9.46	3.76	1.84B	1.18 B	14
15	0.518B	0.393B	0.360B	0.333B	4.93	2.46	1.01	7.97	9.50	3.65	1.80B	1.21 B	15
16	0.524B	0.385B	0.355B	0.366B	4.80	2.36	1.01	7.03	8.99	3.53	1.75B	1.18 B	16
17	0.530B	0.370B	0.350B	0.430B	4.66	2.31	0.958	6.28	8.36	3.46	1.70B	1.15 B	17
18	0.535B	0.360B	0.342B	0.560B	4.51	2.21	0.898	5.53	7.97	3.38	1.65B	1.13 B	18
19	0.541B	0.349B	0.336B	0.687B	4.34	2.09	0.864	5.04	7.55	3.30	1.60B	1.17 B	19
20	0.545B	0.348B	0.330B	0.865B	4.11	1.90	0.832	4.53	7.00	3.16	1.55B	1.20 B	20
21	0.535B	0.349B	0.340B	0.875B	4.03	1.90	0.804	3.97	6.65	3.10	1.48B	1.22 B	21
22	0.520B	0.345B	0.355B	1.00 B	3.96	1.82	0.791	4.21	6.39	3.07	1.50B	1.25 B	22
23	0.510B	0.342B	0.366B	1.26 B	3.88	1.72	0.793	5.41	6.08	3.02	1.52B	1.10 B	23
24	0.500B	0.355B	0.378B	1.37 B	3.90	1.65	0.768	6.70	5.79	3.00	1.53B	1.02 B	24
25	0.488B	0.368B	0.390B	1.69 B	3.95	1.54	0.728	8.12	5.42	2.93B	1.54B	0.982B	25
26	0.475B	0.354B	0.402B	2.15 B	3.93	1.48	0.697	9.35	5.48	2.83B	1.54B	0.957B	26
27	0.460B	0.357B	0.410B	2.65 B	4.04	1.44	0.652	10.0	5.61	2.74B	1.55B	0.924B	27
28	0.450B	0.364B	0.431B	3.07 B	4.02	1.40	0.619	10.2	5.67	2.69B	1.55B	0.817B	28
29	0.460B		0.417B	3.41 B	3.99	1.35	0.586	10.0	5.62	2.64B	1.48B	0.738B	29
30	0.468B		0.371B	3.60 B	3.95	1.34	0.552	9.68	5.48	2.60B	1.42B	0.690B	30
31	0.476B		0.358B		3.87		0.606	9.35		2.54B		0.670B	31
TOTAL	15.383	11.628	11.165	28.807	141.88	73.44	26.599	205.690	224.94	113.83	55.34	35.838	TOTAL
MEAN	0.496	0.415	0.360	0.960	4.58	2.45	0.858	6.64	7.50	3.67	1.84	1.16	MEAN
MAX	0.545	0.518	0.431	3.60	5.56	3.82	1.27	10.7	9.50	5.33	2.48	1.43	MAX
MIN	0.450	0.342	0.325	0.296	3.71	1.34	0.552	0.920	5.42	2.54	1.42	0.670	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.59
MAXIMUM DAILY, 10.7 ON AUG 11
MINIMUM DAILY, 0.296B ON APR 11
MAXIMUM INSTANTANEOUS,
10.8 AT 19:06 MST ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 26 45 N
LONG 121 14 28 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 330	JUL	2 300
FEB	1 000	AUG	17 800
MAR	965	SEP	19 400
APR	2 490	OCT	9 830
MAY	12 300	NOV	4 780
JUN	6 350	DEC	3 100

TOTAL DISCHARGE, 81 600 dam³

REMARKS - FORMERLY PUBLISHED AS "AT FORT SIMPSON HIGHWAY"

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.35B	6.96B	6.03B	---	---	117 E	61.4	22.2	16.5	19.9	5.30B	3.93B	1
2	8.30B	6.92B	6.00B	---	---	114 E	60.2	21.7	16.6	19.4	5.20B	3.90B	2
3	8.25B	6.88B	5.98B	---	---	111 E	58.3	20.9	17.3	18.8	5.10B	3.88B	3
4	8.20B	6.84B	5.96B	---	---	108 E	55.3	20.4	17.9	18.5	5.00B	3.85B	4
5	8.15B	6.80B	5.93B	---	---	105 E	52.5	21.2	18.9	18.2	4.94B	3.82B	5
6	8.10B	6.76B	5.91B	---	---	102 E	50.6	24.8	19.9	17.4	4.87B	3.80B	6
7	8.05B	6.72B	5.89B	---	---	100 E	49.1	25.9	20.1	17.0	4.80B	3.77B	7
8	8.00B	6.69B	5.87B	---	---	98.0	47.0	25.9	20.1	17.1	4.75B	3.75B	8
9	7.96B	6.65B	5.85B	---	---	95.2	45.6	25.9	20.1	16.8	4.70B	3.73B	9
10	7.92B	6.62B	5.83B	---	---	92.9	44.2	25.2	19.9	16.9	4.65B	3.71B	10
11	7.88B	6.59B	5.80B	---	---	89.8	42.4	24.4	19.3	15.0 B	4.60B	3.69B	11
12	7.84B	6.56B	5.78B	---	---	86.8	41.0	24.0	19.0	12.2 B	4.56B	3.67B	12
13	7.80B	6.53B	5.76B	---	---	84.6	38.6	23.2	19.0	11.1 B	4.52B	3.65B	13
14	7.77B	6.50B	5.74B	---	---	81.4	37.1	21.7	18.9	10.2 B	4.48B	3.63B	14
15	7.72B	6.47B	5.72B	---	---	78.2	35.9	20.5	18.9	9.50B	4.44B	3.62B	15
16	7.67B	6.43B	5.70B	---	---	77.3	34.8	19.9	18.9	8.90B	4.40B	3.61B	16
17	7.62B	6.40B	5.68B	---	---	78.0	33.5	19.6	18.9	8.30B	4.36B	3.59B	17
18	7.58B	6.37B	5.66B	---	---	78.8	32.8	19.2	19.1	7.90B	4.31B	3.57B	18
19	7.54B	6.34B	5.65B	---	---	78.6	32.0	19.2	19.5	7.60B	4.27B	3.55B	19
20	7.49B	6.31B	5.63B	---	---	79.2	30.9	19.0	18.3	7.25B	4.22B	3.53B	20
21	7.44B	6.28B	5.61B	---	---	79.4	29.7	18.3	18.5	6.95B	4.19B	3.52B	21
22	7.39B	6.24B	5.60B	---	---	78.7	28.7	17.7	19.0	6.70B	4.16B	3.51B	22
23	7.35B	6.20B	5.58B	---	---	77.1	27.6	17.3	19.8	6.50B	4.13B	3.50B	23
24	7.30B	6.18B	5.57B	---	---	76.5	26.3	16.8	20.0	6.30B	4.10B	3.49B	24
25	7.26B	6.16B	5.56B	---	---	74.6	25.4	16.5	19.6	6.10B	4.07B	3.48B	25
26	7.22B	6.13B	5.54B	---	---	71.9	24.9	16.0	19.7	5.90B	4.04B	3.46B	26
27	7.18B	6.11B	5.53B	---	---	70.3	24.6	15.5	19.4	5.80B	4.02B	3.45B	27
28	7.13B	6.08B	5.52B	---	---	68.5	24.5	15.6	18.8	5.70B	4.00B	3.44B	28
29	7.08B		5.50B	---	---	65.9	24.1	15.7	19.0	5.60B	3.98B	3.42B	29
30	7.04B		5.49B	---	---	64.0	23.6	16.2	20.0	5.50B	3.96B	3.41B	30
31	7.00B		5.48B		---		22.7	16.5		5.40B		3.40B	31
TOTAL	237.58	181.72	177.35	---	---	2 582.5	1 165.3	626.9	569.9	344.40	134.12	112.33	TOTAL
MEAN	7.66	6.49	5.72	---	---	86.1	37.6	20.2	19.0	11.1	4.47	3.62	MEAN
MAX	8.35	6.96	6.03	---	---	117	61.4	25.9	20.1	19.9	5.30	3.93	MAX
MIN	7.00	6.08	5.48	---	---	64.0	22.7	15.5	16.5	5.40	3.96	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 3.40B ON DEC 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 34 03 N
LONG 121 44 49 W
DRAINAGE AREA, 17 300 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 500	JUL	101 000
FEB	15 700	AUG	54 200
MAR	15 300	SEP	49 200
APR	---	OCT	29 800
MAY	---	NOV	11 600
JUN	223 000	DEC	9 710

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.150B	1.06	0.518	0.175	0.380	1.16	0.256B	0.056B	1
2	0B	0B	0B	0 B	0.170B	0.904	0.335	0.185	0.385	1.14	0.246B	0.053B	2
3	0B	0B	0B	0 B	0.190B	0.811	0.228	0.200	0.395	1.12	0.235B	0.050B	3
4	0B	0B	0B	0 B	0.220B	0.746	0.163	0.209	0.396	1.09 B	0.224B	0.047B	4
5	0B	0B	0B	0 B	0.250B	0.739	0.128	0.229	0.401	1.00 B	0.215B	0.044B	5
6	0B	0B	0B	0.002B	0.300B	0.669	0.097	0.246	0.416	0.880B	0.205B	0.041B	6
7	0B	0B	0B	0.004B	0.350B	0.588	0.068	0.251	0.433	0.750B	0.196B	0.039B	7
8	0B	0B	0B	0.006B	0.420B	0.577	0.055	0.263	0.449	0.700B	0.187B	0.036B	8
9	0B	0B	0B	0.008B	0.500B	0.567	0.048	0.255	0.460	0.660B	0.179B	0.034B	9
10	0B	0B	0B	0.010B	0.600B	0.583	0.060	0.253	0.466	0.635B	0.172B	0.032B	10
11	0B	0B	0B	0.013B	0.720B	0.560	0.066	0.248	0.474	0.610B	0.164B	0.030B	11
12	0B	0B	0B	0.016B	0.880B	0.512	0.053	0.245	0.474	0.590B	0.156B	0.028B	12
13	0B	0B	0B	0.020B	1.05 B	0.478	0.041	0.251	0.478	0.565B	0.149B	0.026B	13
14	0B	0B	0B	0.022B	1.30 B	0.461	0.031	0.257	0.485	0.545B	0.142B	0.025B	14
15	0B	0B	0B	0.024B	1.50 B	0.428	0.030	0.262	0.493	0.520B	0.135B	0.023B	15
16	0B	0B	0B	0.026B	1.57 B	0.420	0.029	0.263	0.656	0.500B	0.128B	0.021B	16
17	0B	0B	0B	0.029B	1.60 B	0.416	0.042	0.265	0.872	0.480B	0.123B	0.020B	17
18	0B	0B	0B	0.033B	1.57 B	0.381	0.051	0.272	1.11	0.460B	0.116B	0.017B	18
19	0B	0B	0B	0.036B	1.52 B	0.386	0.051	0.279	1.07	0.442B	0.111B	0.015B	19
20	0B	0B	0B	0.040B	1.40 B	0.458	0.054	0.297	0.937	0.425B	0.105B	0.013B	20
21	0B	0B	0B	0.044B	1.30 B	0.485	0.065	0.309	0.878	0.407B	0.099B	0.010B	21
22	0B	0B	0B	0.050B	1.26 B	0.469	0.073	0.338	0.869	0.393B	0.093B	0.008B	22
23	0B	0B	0B	0.055B	1.49	0.443	0.081	0.358	0.875	0.376B	0.089B	0.006B	23
24	0B	0B	0B	0.060B	1.25	0.623	0.104	0.366	0.872	0.362B	0.084B	0.005B	24
25	0B	0B	0B	0.069B	1.32	3.42	0.120	0.368	0.875	0.346B	0.080B	0.003B	25
26	0B	0B	0B	0.079B	1.70	4.57	0.131	0.358	0.878	0.332B	0.075B	0.002B	26
27	0B	0B	0B	0.090B	1.83	4.79	0.141	0.365	0.888	0.318B	0.071B	0.001B	27
28	0B	0B	0B	0.102B	1.74	4.44	0.148	0.369	0.876	0.305B	0.067B	0 B	28
29	0B		0B	0.115B	1.60	4.28	0.156	0.365	1.01	0.292B	0.064B	0 B	29
30	0B		0B	0.128B	1.43	0.830	0.161	0.371	1.13	0.280B	0.060B	0 B	30
31	0B		0B		1.19		0.164	0.375		0.268B		0 B	31
TOTAL	0	0	0	1.081	32.370	28.094	3.494	8.847	20.381	17.951	4.226	0.685	TOTAL
MEAN	0	0	0	0.036	1.04	0.937	0.113	0.285	0.679	0.579	0.141	0.022	MEAN
MAX	0	0	0	0.128	1.83	4.57	0.518	0.375	1.13	1.16	0.256	0.056	MAX
MIN	0	0	0	0	0.150	0.381	0.029	0.175	0.380	0.268	0.060	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.321
MAXIMUM DAILY, 4.57 ON JUN 26
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
4.87 AT 10:30 MST ON JUN 26

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 03 50 N
LONG 126 03 44 W
DRAINAGE AREA, 41.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	302
FEB	0	AUG	764
MAR	0	SEP	1 760
APR	93.4	OCT	1 550
MAY	2 800	NOV	365
JUN	2 430	DEC	59.2

TOTAL DISCHARGE, 10 100 dam³

NORTHWEST TERRITORIES

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	16.5B	14.6B	14.7B	12.2 B	9.64A	52.8	64.2	49.9	31.5	32.1	15.4 B	4.05B	
2	16.4B	14.7B	14.7B	12.2 B	9.44	55.0	60.6	46.7	33.1	30.2	15.0 B	3.67B	
3	14.6B	14.8B	14.6B	12.1 B	9.74	58.3	60.9	42.8	30.0	30.9	14.5 B	3.63B	
4	14.7B	14.9B	14.6B	12.0 B	10.5	60.7	60.3	43.0	30.4	31.2	13.8 B	3.26B	
5	15.3B	14.9B	14.5B	11.9 B	10.4	63.3	60.4	41.2	30.8	31.1	13.2 B	2.81B	
6	15.5B	14.9B	14.5B	11.8 B	10.3	64.0	59.3	38.2	30.9	30.4	12.2 B	3.73B	
7	16.0B	15.0B	14.4B	11.7 B	12.5	62.7	58.2	44.5	35.1	29.7	11.6 B	4.36B	
8	15.6B	15.0B	14.3B	11.7 B	13.4	67.4	56.3	37.8	32.2	29.9	11.4 B	4.68B	
9	15.8B	15.0B	14.2B	11.6 B	14.3	69.1	57.5	37.1	31.8	33.0	10.8 B	4.80B	
10	16.4B	15.0B	14.1B	11.5 B	15.2	69.7	56.7	38.5	29.7	29.6	10.8 B	5.02B	1
11	16.1B	15.0B	14.0B	11.5 B	16.5	68.4	57.9	37.8	29.6	26.4	9.97B	5.15B	1
12	16.2B	15.1B	13.9B	11.4 B	17.5	70.6	54.0	37.9	31.4	26.1	9.43B	5.39B	1
13	16.6B	15.1B	13.8B	11.3 B	18.5	71.6	55.9	37.2	31.9	28.8B	9.28B	5.43B	1
14	16.7B	15.1B	13.7B	11.2 B	20.1	71.8	64.9	36.4	32.1	27.8B	8.71B	6.21B	1
15	16.8B	15.1B	13.7B	11.0 B	22.5	71.5	57.6	33.0	31.9	28.1B	8.30B	6.40B	1
16	16.8B	15.0B	13.6B	10.8 B	23.7	74.0	56.5	30.6	35.9	23.9B	7.93B	6.43B	1
17	16.6B	15.0B	13.6B	10.6 B	26.1	74.4	57.2	33.3	37.2	21.4B	7.69B	6.21B	1
18	17.0B	15.0B	13.5B	10.5 B	27.3	75.8	55.8	33.9	30.3	22.7B	7.45B	6.03B	1
19	16.5B	14.9B	13.4B	10.4 B	29.5	74.8	56.4	32.0	31.5	25.1B	7.12B	6.16B	1
20	16.4B	15.0B	13.3B	10.3 B	27.8	74.0	55.0	35.1	32.0	19.7B	6.75B	6.52B	2
21	16.6B	14.9B	13.3B	10.1 B	32.4	72.8	54.3	30.6	32.1	20.8B	6.65B	7.81B	2
22	16.7B	14.9B	13.2B	10.0 B	35.2	72.0	53.4	32.3	32.7	19.9B	6.52B	8.01B	2
23	16.5B	14.8B	13.1B	9.82B	37.5	72.5	53.0	33.3	33.4	20.2B	6.07B	8.38B	2
24	15.7B	14.8B	13.0B	9.79B	40.5	73.9	51.1	31.6	36.7	20.4B	5.67B	8.16B	2
25	15.2B	14.8B	12.9B	9.72B	42.4	71.7	50.1	32.9	33.0	19.3B	5.20B	8.40B	2
26	14.7B	14.7B	12.8B	9.62B	42.5	70.4	49.4	30.6	32.5	19.2B	4.82B	8.87B	2
27	14.4B	14.8B	12.7B	9.57B	42.7	68.5	48.7	31.0	32.5	16.7B	4.62B	8.53B	2
28	14.1B	14.7B	12.6B	9.51B	48.3	68.1	46.8	30.7	30.4	18.6B	4.28B	8.15B	2
29	14.1B		12.5B	9.52B	50.5	67.5	44.8	32.6	35.7	17.5B	4.45B	8.42B	2
30	14.2B		12.4B	9.56B	51.9	64.1	44.5	32.2	31.5	16.2B	4.22B	9.15B	3
31	14.4B		12.3B		48.5		43.8	30.3		15.9B		9.91B	3
TOTAL	489.1	417.5	421.9	324.91	817.32	2 051.4	1 715.5	1 115.0	969.8	762.8	263.84	193.73	TO
MEAN	15.8	14.9	13.6	10.8	26.4	68.4	55.3	36.0	32.3	24.6	8.79	6.25	ME
MAX	17.0	15.1	14.7	12.2	51.9	75.8	65.9	49.9	37.2	33.0	15.4	9.91	MA
MIN	14.1	14.6	12.3	9.51	9.44	52.8	43.8	30.3	29.6	15.9	4.22	2.81	MI

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.1
MAXIMUM DAILY, 75.8 ON JUN 18
MINIMUM DAILY, 2.81B ON DEC 05
MAXIMUM INSTANTANEOUS,
91.4 AT 01:20 MST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 56 25 N
LONG 117 25 18 W

DRAINAGE AREA, 15 600 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 300	JUL	148 000
FEB	36 100	AUG	96 300
MAR	36 500	SEP	83 800
APR	28 100	OCT	65 900
MAY	70 600	NOV	22 800
JUN	177 000	DEC	16 700

TOTAL DISCHARGE, 824 000 dam³

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 06LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	202B	157B	134B	124B	127B	152B	1 100	1 030	872	631	354B	225B	
2	201B	156B	133B	124B	127B	155B	1 090	1 020	864	628	349B	222B	
3	200B	155B	133B	124B	128B	158B	1 080	1 020	864	614	344B	218B	
4	198B	154B	132B	124B	129B	161B	1 080	1 030	858	599	338B	215B	
5	196B	153B	132B	124B	129B	165B	1 070	1 030	843	589	332B	212B	
6	194B	152B	131B	124B	130B	169B	1 070	1 020	833	544	328B	209B	
7	192B	151B	130B	124B	130B	175B	1 060	1 020	826	519	323B	205B	
8	191B	150B	130B	125B	131B	181B	1 060	1 020	810	524	318B	202B	
9	189B	149B	129B	125B	131B	185B	1 060	1 020	801	530	314B	200B	
10	187B	148B	129B	125B	132B	195B	1 060	1 020	789	533	307B	197B	
11	186B	147B	129B	125B	132B	204B	1 050	1 010	771	560	302B	194B	
12	184B	146B	128B	125B	133B	217B	1 050	1 010	757	481	299B	191B	
13	182B	145B	128B	125B	133B	236B	1 040	997	744	475B	294B	188B	
14	181B	145B	128B	125B	134B	338B	1 040	990	735	468B	289B	185B	
15	179B	144B	127B	125B	134B	430B	1 030	978	734	460B	285B	183B	
16	178B	143B	127B	125B	135B	530B	1 030	966	729	453B	281B	181B	
17	177B	142B	127B	125B	135B	635B	1 040	957	720	445B	277B	178B	
18	176B	141B	126B	125B	136B	720B	1 050	951	694	438B	273B	175B	
19	174B	140B	126B	125B	137B	815B	1 050	942	700	432B	269B	173B	
20	173B	139B	126B	125B	138B	905B	1 040	938	698	425B	265B	171B	
21	172B	139B	126B	125B	139B	975B	1 040	936	689	418B	261B	169B	
22	170B	138B	126B	125B	140B	1 040	1 030	930	678	410B	257B	166B	
23	169B	137B	126B	125B	140B	1 050	1 030	914	672	405B	253B	164B	
24	167B	136B	126B	125B	141B	1 090	1 030	910	663	398B	249B	162B	
25	166B	136B	126B	125B	142B	1 100	1 020	907	651	393B	245B	160B	
26	165B	135B	125B	126B	143B	1 100	1 010	906	649	388B	241B	157B	
27	164B	135B	125B	126B	143B	1 130	1 010	898	651	383B	238B	155B	
28	163B	134B	125B	126B	144B	1 130	1 010	888	651	378B	234B	153B	
29	162B		125B	126B	145B	1 130	1 040	884	648	372B	232B	151B	
30	159B		125B	127B	147B	1 120	1 040	878	640	365B	229B	149B	
31	158B		125B		149B		1 040	874		359B		147B	
TOTAL	5 555	4 047	3 965	3 749	4 214	17 621	32 450	29 894	22 234	14 617	8 580	5 657	T
MEAN	179	145	128	125	136	587	1 050	964	741	472	286	182	M
MAX	202	157	134	127	149	1 150	1 100	1 030	872	631	354	225	M
MIN	158	134	125	124	127	152	1 010	874	640	359	229	147	M

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 418
MAXIMUM DAILY, 1 150 ON JUN 28
MINIMUM DAILY, 124B ON APR 01
MAXIMUM INSTANTANEOUS,
1 160 AT 15:15 CST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 10 N
LONG 095 51 19 W

DRAINAGE AREA, 70 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	480 000	JUL	2 800 000
FEB	350 000	AUG	2 580 000
MAR	343 000	SEP	1 920 000
APR	324 000	OCT	1 260 000
MAY	364 000	NOV	741 000
JUN	1 520 000	DEC	489 000

TOTAL DISCHARGE, 13 200 000 dam³

REMARKS - RECORDS ARE BEING REVIEWED TO 1986

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	146B	130B	117B	105 B	96.2B	171	197	174	155	140	129	118B	1
2	146B	130B	117B	105 B	96.1B	176	193	175	155	139	130	118B	2
3	145B	129B	116B	105 B	96.0B	181	194	175	154	129	130	118B	3
4	145B	129B	116B	104 B	95.9B	185	193	179	152	131	129	117B	4
5	144B	128B	115B	104 B	95.8B	188	192	174	150	134	129	117B	5
6	144B	128B	115B	104 B	95.7B	191	191	172	155	138	129	117B	6
7	143B	127B	115B	104 B	95.4B	193	186	177	150	140	128	116B	7
8	143B	127B	114B	103 B	95.0B	197	188	166	150	143	128	116B	8
9	142B	126B	114B	103 B	94.7B	199	188	174	155	145	128	116B	9
10	141B	126B	114B	103 B	94.3B	202	187	173	150	134	128	115B	10
11	141B	126B	114B	102 B	94.1B	202	189	172	148	127	128	115B	11
12	140B	125B	113B	102 B	93.9B	203	185	171	148	137	128	115B	12
13	140B	125B	113B	101 B	93.7B	205	183	166	149	136	126	115B	13
14	139B	124B	113B	101 B	93.7B	205	183	167	147	135	125	114B	14
15	139B	124B	112B	100 B	93.7B	203	178	167	149	132	128	114B	15
16	138B	124B	112B	99.8B	93.8B	202	179	163	148	135	127	114B	16
17	138B	123B	111B	99.5B	93.8B	200	178	164	147	137	127	114B	17
18	137B	123B	110B	99.2B	93.2	201	176	168	139	136	127	114B	18
19	137B	122B	110B	98.9B	93.9	202	175	163	142	135	126	113B	19
20	136B	122B	110B	98.5B	93.9	201	178	167	144	135	124	113B	20
21	136B	121B	109B	98.2B	93.9	201	178	159	145	133	122	113B	21
22	135B	121B	109B	98.0B	95.2	201	180	153	148	132	122B	112B	22
23	135B	120B	109B	97.8B	96.7	200	176	151	144	132	121B	112B	23
24	134B	120B	108B	97.6B	101	199	179	159	145	133	121B	112B	24
25	134B	119B	108B	97.4B	110	200	179	161	146	134	120B	111B	25
26	133B	119B	107B	97.2B	119	199	177	160	137	135	120B	111B	26
27	133B	118B	107B	97.0B	128	198	171	156	142	133	120B	110B	27
28	132B	118B	106B	96.8B	137	197	169	156	147	129	119B	110B	28
29	132B		106B	96.5B	146	199	177	155	155	130	119B	110B	29
30	131B		105B	96.3B	155	196	178	156	145	130	119B	109B	30
31	131B		105B		164		177	149		129		109B	31
TOTAL	4 290	3 474	3 450	3 014.7	3 238.6	5 897	5 654	5 122	4 441	4 168	3 758	3 528	TOTAL
MEAN	138	124	111	100	104	197	182	165	148	134	125	114	MEAN
MAX	146	130	117	105	164	205	197	179	155	145	130	118	MAX
MIN	131	118	105	96.3	93.2	171	169	149	137	127	119	109	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 137
MAXIMUM DAILY, 205 ON JUN 13
MINIMUM DAILY, 93.2 ON MAY 18
MAXIMUM INSTANTANEOUS,
207 AT 22:59 CST ON JUN 12

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 13 N
LONG 100 58 26 W
DRAINAGE AREA, 21 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	371 000	JUL	489 000
FEB	300 000	AUG	443 000
MAR	298 000	SEP	384 000
APR	260 000	OCT	360 000
MAY	280 000	NOV	325 000
JUN	510 000	DEC	305 000

TOTAL DISCHARGE, 4 330 000 dam³

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	14.2B	75.8	18.1	7.91	17.9	2.10 B	0B	1
2	0B	0B	0B	0B	0 B	25.8B	72.2	17.3	8.24	17.2	1.90 B	0B	2
3	0B	0B	0B	0B	0 B	41.5B	69.3	16.8	8.43	16.2	1.70 B	0B	3
4	0B	0B	0B	0B	0 B	64.4B	65.8	16.8	8.25	14.9	1.50 B	0B	4
5	0B	0B	0B	0B	0 B	72.1E	62.4	16.2	8.03	14.2	1.30 B	0B	5
6	0B	0B	0B	0B	0 B	73.7E	59.5	15.7	7.78	12.8	1.14 B	0B	6
7	0B	0B	0B	0B	0 B	74.1A	56.1	14.9	8.77	12.2	0.980B	0B	7
8	0B	0B	0B	0B	0 B	73.9	53.4	14.1	8.53	11.5	0.820B	0B	8
9	0B	0B	0B	0B	0 B	73.6	50.2	13.3	8.51	11.4	0.660B	0B	9
10	0B	0B	0B	0B	0 B	79.2	47.7	12.9	8.34	10.2 B	0.500B	0B	10
11	0B	0B	0B	0B	0 B	79.0	47.2	12.8	7.59	9.49B	0.416B	0B	11
12	0B	0B	0B	0B	0 B	86.2	47.2	12.5	7.60	8.84B	0.332B	0B	12
13	0B	0B	0B	0B	0 B	86.5	44.6	12.2	7.00	8.22B	0.248B	0B	13
14	0B	0B	0B	0B	0 B	85.5	42.0	12.0	6.62	7.65B	0.164B	0B	14
15	0B	0B	0B	0B	0 B	87.0	39.1	11.4	6.62	7.12B	0.080B	0B	15
16	0B	0B	0B	0B	0 B	91.3	36.9	10.5	6.91	6.63B	0.060B	0B	16
17	0B	0B	0B	0B	0 B	96.0	35.5	9.93	8.83	6.17B	0.040B	0B	17
18	0B	0B	0B	0B	0 B	101	34.3	10.0	8.93	5.74B	0.020B	0B	18
19	0B	0B	0B	0B	0 B	104	32.7	9.80	8.98	5.34B	0 B	0B	19
20	0B	0B	0B	0B	0 B	104	31.3	9.69	8.80	4.97B	0 B	0B	20
21	0B	0B	0B	0B	0 B	102	30.6	9.44	8.52	4.63B	0 B	0B	21
22	0B	0B	0B	0B	0 B	99.9	30.1	9.18	9.52	4.31B	0 B	0B	22
23	0B	0B	0B	0B	0 B	96.4	28.9	9.00	9.89	4.01B	0 B	0B	23
24	0B	0B	0B	0B	0 B	91.4	27.9	8.85	11.1	3.73B	0 B	0B	24
25	0B	0B	0B	0B	0 B	91.7	25.5	8.65	19.9	3.47B	0 B	0B	25
26	0B	0B	0B	0B	0 B	91.2	24.4	8.32	24.3	3.23B	0 B	0B	26
27	0B	0B	0B	0B	0 B	88.6	22.9	7.98	22.5	3.01B	0 B	0B	27
28	0B	0B	0B	1.92B	85.4	21.7	7.98	20.0	21.0	2.80B	0 B	0B	28
29	0B		0B	3.25B	82.5	20.8	7.99	22.9	2.61B	0 B	0B	29
30	0B		0B	5.24B	79.7	20.0	7.97	18.6	2.43B	0 B	0B	30
31	0B		0B	8.00B		19.1	7.94		2.26B		0B	31
TOTAL	0	0	0	0	18.41	2 422.0	1 275.0	359.82	327.50	245.16	13.960	0	TOTAL
MEAN	0	0	0	0	0.59	80.7	41.1	11.6	10.9	7.91	0.465	0	MEAN
MAX	0	0	0	0	8.00	104	75.8	18.1	24.3	17.9	2.10	0	MAX
MIN	0	0	0	0	0	14.2	19.1	7.58	6.62	2.26	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 104 ON JUN 19
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
104 AT 17:47 MST ON JUN 20

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 51 N
LONG 116 34 33 W
DRAINAGE AREA, 2 790 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	110 000
FEB	0	AUG	31 100
MAR	0	SEP	28 300
APR	0	OCT	21 200
MAY	1 590	NOV	1 210
JUN	209 000	DEC	0

TOTAL DISCHARGE, 402 000 dam³

NORTHWEST TERRITORIES

KIRCHOFFER RIVER NEAR CORAL HARBOUR - STATION NO. 06PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	0B	0B	0B	0B	0 B	0.410B	442	103	28.9	0.790B	0B	0B	1
2	0B	0B	0B	0B	0 B	0.480B	345	76.6	26.7	0.650B	0B	0B	2
3	0B	0B	0B	0B	0 B	0.585B	323	58.3	29.0	0.590B	0B	0B	3
4	0B	0B	0B	0B	0 B	0.620B	426	42.3	88.6	0.485B	0B	0B	4
5	0B	0B	0B	0B	0 B	0.730B	439	33.9	96.0	0.435B	0B	0B	5
6	0B	0B	0B	0B	0 B	0.815B	356	42.8	71.3	0.400B	0B	0B	6
7	0B	0B	0B	0B	0 B	0.945B	310	44.7	58.7	0.380B	0B	0B	7
8	0B	0B	0B	0B	0 B	1.10 B	219	42.3	55.8	0.340B	0B	0B	8
9	0B	0B	0B	0B	0 B	1.29 B	175	37.3	94.7	0.305B	0B	0B	9
10	0B	0B	0B	0B	0 B	1.60 B	171	29.7	80.0	0.275B	0B	0B	10
11	0B	0B	0B	0B	0 B	2.10 B	152	26.8	97.5	0.248B	0B	0B	11
12	0B	0B	0B	0B	0 B	2.56 B	161	25.2	66.9	0.222B	0B	0B	12
13	0B	0B	0B	0B	0 B	3.35 B	187	23.4	44.3	0.195B	0B	0B	13
14	0B	0B	0B	0B	0 B	4.50 B	110	21.0	38.9	0.168B	0B	0B	14
15	0B	0B	0B	0B	0 B	6.00 B	75.0	20.4	31.1	0.140B	0B	0B	15
16	0B	0B	0B	0B	0 B	8.60 B	53.3	28.8	36.2	0.123B	0B	0B	16
17	0B	0B	0B	0B	0 B	13.0 B	49.6	37.5	29.4	0.107B	0B	0B	17
18	0B	0B	0B	0B	0 B	22.0 B	41.3	31.5	39.9	0.090B	0B	0B	18
19	0B	0B	0B	0B	0 B	40.0 B	30.8	25.6	28.3	0.080B	0B	0B	19
20	0B	0B	0B	0B	0 B	85.2	23.8	23.3	15.4	0.070B	0B	0B	20
21	0B	0B	0B	0B	0 B	113	20.6	66.2	6.38	0.061B	0B	0B	21
22	0B	0B	0B	0B	0 B	196	37.6	120	4.30 B	0.052B	0B	0B	22
23	0B	0B	0B	0B	0.010B	262	41.8	94.6	3.30 B	0.043B	0B	0B	23
24	0B	0B	0B	0B	0.035B	306	67.1	78.2	2.60 B	0.034B	0B	0B	24
25	0B	0B	0B	0B	0.080B	362	63.5	59.5	2.10 B	0.025B	0B	0B	25
26	0B	0B	0B	0B	0.110B	498	57.5	48.3	1.66 B	0.020B	0B	0B	26
27	0B	0B	0B	0B	0.180B	534	86.2	44.7	1.38 B	0.016B	0B	0B	27
28	0B	0B	0B	0B	0.200B	720	71.3	44.6	1.18 B	0.012B	0B	0B	28
29	0B		0B	0B	0.240B	645	660	44.8	1.02 B	0.008B	0B	0B	29
30	0B		0B	0B	0.305B	494	418	41.0	0.880B	0.004B	0B	0B	30
31	0B		0B		0.375B		164	34.0		0 B		0B	31
TOTAL	0	0	0	0	1.535	4 325.885	5 777.4	1 450.3	1 082.400	6.368	0	0	TOT
MEAN	0	0	0	0	0.050	144	186	46.8	36.1	0.205	0	0	MEA
MAX	0	0	0	0	0.375	720	660	120	97.5	0.790	0	0	MAX
MIN	0	0	0	0	0	0.410	20.6	20.4	0.880	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.6
MAXIMUM DAILY, 720 ON JUN 28
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
1 040 AT 09:55 CST ON JUL 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 07 43 N
LONG 083 26 16 W
DRAINAGE AREA, 3 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	499 000
FEB	0	AUG	125 000
MAR	0	SEP	93 500
APR	0	OCT	550
MAY	133	NOV	0
JUN	374 000	DEC	0

TOTAL DISCHARGE, 1 090 000 dam³

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 06HD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	4.90B	2.74B	1.88B	1.06 B	0.580B	14.6B	154	106	74.7	61.6	27.1B	11.9 B	1
2	4.79B	2.69B	1.86B	1.04 B	0.488	19.0B	150	106	74.3	61.6	26.4B	11.6 B	2
3	4.65B	2.66B	1.83B	1.02 B	0.314	26.0B	149	104	74.4	61.9	25.6B	11.3 B	3
4	4.55B	2.63B	1.77B	1.00 B	0.264	35.0B	145	104	71.6	60.8	24.9B	11.0 B	4
5	4.48B	2.59B	1.74B	0.980B	0.331	48.0B	142	103	70.5	59.1	24.3B	10.7 B	5
6	4.38B	2.56B	1.72B	0.970B	0.411	64.6B	141	104	70.0	57.6	23.6B	10.4 B	6
7	4.28B	2.53B	1.69B	0.950B	0.472	87.2B	140	104	69.7	55.2	23.0B	10.1 B	7
8	4.19B	2.50B	1.66B	0.930B	0.506	112 B	138	104	68.1	54.2	22.4B	9.90B	8
9	4.10B	2.46B	1.63B	0.890B	0.500B	144	136	104	68.4	52.0B	21.5B	9.65B	9
10	4.02B	2.43B	1.59B	0.870B	0.495B	154 B	135	104	68.4	50.9B	21.0B	9.42B	10
11	3.95B	2.40B	1.56B	0.860B	0.488B	156 B	134	103	66.9	49.7B	20.4B	9.18B	11
12	3.88B	2.37B	1.52B	0.840B	0.480B	157	130	102	66.1	48.0B	19.9B	8.95B	12
13	3.80B	2.34B	1.49B	0.820B	0.471B	156 B	126	101	66.0	46.7B	19.5B	8.70B	13
14	3.73B	2.31B	1.48B	0.800B	0.460B	155 B	126	97.9	66.0	45.3B	18.9B	8.50B	14
15	3.65B	2.28B	1.46B	0.790B	0.450B	156	124	95.5	65.7	44.2B	18.5B	8.27B	15
16	3.59B	2.26B	1.44B	0.780B	0.430B	157	123	93.0	65.9	42.9B	17.9B	8.07B	16
17	3.52B	2.23B	1.41B	0.770B	0.410B	155	122	92.7	65.3	41.7B	17.5B	7.87B	17
18	3.46B	2.20B	1.39B	0.760B	0.400B	154	121	93.1	63.8	40.2B	16.9B	7.65B	18
19	3.39B	2.17B	1.36B	0.755B	0.398B	153	117	91.7	62.0	39.2B	16.4B	7.45B	19
20	3.35B	2.15B	1.33B	0.746B	0.396B	153	117	89.4	62.3	38.1B	16.0B	7.27B	20
21	3.28B	2.12B	1.30B	0.730B	0.394B	153	115	87.0	63.1	37.0B	15.7B	7.09B	21
22	3.22B	2.09B	1.28B	0.710B	0.402B	153	113	84.6	63.8	35.9B	15.2B	6.92B	22
23	3.17B	2.06B	1.26B	0.690B	0.500B	157 E	110	83.9	62.9	34.9B	14.8B	6.75B	23
24	3.11B	2.04B	1.24B	0.670B	0.705B	158 E	108	82.7	62.5	34.0B	14.4B	6.58B	24
25	3.03B	2.01B	1.22B	0.660B	1.40 B	159 E	106	81.8	62.6	33.2B	14.1B	6.42B	25
26	2.99B	1.98B	1.20B	0.640B	2.32 B	160	105	80.4	62.4	32.2B	13.7B	6.25B	26
27	2.95B	1.96B	1.18B	0.620B	3.18 B	159	103	80.1	62.1	31.3B	13.3B	6.09B	27
28	2.91B	1.91B	1.16B	0.610B	4.36 B	158	105	79.5	62.8	30.3B	12.9B	5.95B	28
29	2.86B		1.14B	0.600B	5.80 B	156	104	78.3	64.8	29.5B	12.6B	5.83B	29
30	2.83B		1.10B	0.590B	8.00 B	154	106	77.6	63.6	28.6B	12.3B	5.68B	30
31	2.77B		1.08B		10.5 B		107	75.2		27.7B		5.56B	31
TOTAL	113.78	64.67	44.97	24.151	46.305	3 823.4	3 852	2 893.4	1 990.7	1 365.5	560.7	257.00	TOTA
MEAN	3.67	2.31	1.45	0.805	1.49	127	124	93.3	66.4	44.0	18.7	8.29	MEAN
MAX	4.90	2.74	1.88	1.06	10.5	160	154	106	74.7	61.9	27.1	11.9	MAX
MIN	2.77	1.91	1.08	0.590	0.264	14.6	103	75.2	62.0	27.7	12.3	5.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.2
MAXIMUM DAILY, 160 ON JUN 26
MINIMUM DAILY, 0.264 ON MAY 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 17 N
LONG 098 28 00 W
DRAINAGE AREA, 6 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 830	JUL	333 000
FEB	5 590	AUG	250 000
MAR	3 890	SEP	172 000
APR	2 090	OCT	118 000
MAY	4 000	NOV	48 400
JUN	330 000	DEC	22 200

TOTAL DISCHARGE, 1 300 000 dam³

NORTHWEST TERRITORIES

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 06LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.5B	20.5B	19.8B	19.8B	20.7B	25.8	137	193A	178E	136	76.2B	51.2B	1
2	23.4B	20.5B	19.8B	19.8B	20.8B	25.9	140	193E	177E	130	74.9B	50.5B	2
3	23.2B	20.5B	19.8B	19.8B	20.9B	26.7	141	193E	176E	127	73.8B	49.8B	3
4	23.1B	20.4B	19.7B	19.8B	21.0B	30.7	143	193A	175E	130	72.8B	49.3B	4
5	22.9B	20.4B	19.7B	19.8B	21.0B	36.0	145	196	174E	128	71.7B	48.8B	5
6	22.8B	20.4B	19.7B	19.9B	21.1B	40.7	146	192	173A	125	70.5B	48.2B	6
7	22.7B	20.3B	19.7B	19.9B	21.1B	46.1	148	193	179	106	69.5B	47.7B	7
8	22.6B	20.3B	19.7B	19.9B	21.2B	51.3	149	196	183	117	68.5B	47.3B	8
9	22.5B	20.3B	19.7B	19.9B	21.3B	60.0	150	197	170	112	67.5B	46.7B	9
10	22.4B	20.2B	19.7B	19.9B	21.3B	76.3	150	194	171	127	66.7B	46.3B	10
11	22.3B	20.2B	19.7B	20.0B	21.4B	85.9	150	191	171	120	65.8B	45.8B	11
12	22.2B	20.1B	19.7B	20.0B	21.5B	89.9	153	191	161	111	64.8B	45.4B	12
13	22.0B	20.1B	19.6B	20.0B	21.5	92.8	154	195A	155	116	64.0B	45.0B	13
14	21.9B	20.1B	19.6B	20.0B	21.5	95.0	156	195E	155	107	63.0B	44.7B	14
15	21.8B	20.0B	19.6B	20.0B	21.9	97.2	159	194E	152	107	62.2B	44.2B	15
16	21.7B	20.0B	19.6B	20.1B	21.9	99.2	160	193E	152	103	61.1B	43.8B	16
17	21.6B	20.0B	19.6B	20.1B	21.5	97.5	161	192E	153	99.4	60.3B	43.4B	17
18	21.5B	19.9B	19.6B	20.1B	21.4	101	162	191E	156	95.9	59.7B	43.0B	18
19	21.5B	19.9B	19.6B	20.1B	21.6	104	165	190E	156	95.4	59.0B	42.7B	19
20	21.4B	19.9B	19.6B	20.1B	21.5	106	165	189E	149	94.6	58.3B	42.2B	20
21	21.4B	19.9B	19.6B	20.2B	21.8	108	165	188E	146	93.1	57.2B	41.8B	21
22	21.3B	19.8B	19.6B	20.2B	22.2	110	167	187E	143	92.2	56.5B	41.5B	22
23	21.2B	19.8B	19.6B	20.3B	22.6	115	170	186E	147	90.8	56.0B	41.2B	23
24	21.1B	19.8B	19.6B	20.3B	21.7	119	171	185E	134	87.5	55.3B	40.9B	24
25	21.0B	19.8B	19.6B	20.3B	22.1	122	169	184E	135	85.8	54.8B	40.5B	25
26	20.9B	19.8B	19.6B	20.4B	23.5	125	174	183E	139	83.8B	54.0B	40.2B	26
27	20.8B	19.8B	19.7B	20.4B	23.0	127	176	182E	138	82.2B	53.3B	39.8B	27
28	20.7B	19.8B	19.7B	20.5B	22.3	128	189	181E	133	80.7B	52.8B	39.5B	28
29	20.7B		19.7B	20.5B	22.1	131	201	180E	130	79.0B	52.2B	39.2B	29
30	20.6B		19.7B	20.6B	24.2	136	195	180E	137	78.4B	51.6B	38.8B	30
31	20.6B		19.7B		24.9		195	179E		77.3B		38.6B	31
TOTAL	677.3	562.5	609.6	602.7	676.5	2 608.0	5 006	5 876	4 698	3 218.1	1 874.0	1 368.0	TOTAL
MEAN	21.8	20.1	19.7	20.1	21.8	86.9	161	190	157	104	62.5	44.1	MEAN
MAX	23.5	20.5	19.8	20.6	24.9	136	201	197	183	136	76.2	51.2	MAX
MIN	20.6	19.8	19.6	19.8	20.7	25.8	137	179	130	77.3	51.6	38.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.1
MAXIMUM DAILY, 201 ON JUL 29
MINIMUM DAILY, 19.6B ON MAR 13
MAXIMUM INSTANTANEOUS,
212 AT 08:05 CST ON JUL 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 47 43 N
LONG 097 25 43 W
DRAINAGE AREA, 12 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 500	JUL	433 000
FEB	48 600	AUG	508 000
MAR	52 700	SEP	406 000
APR	52 100	OCT	278 000
MAY	58 400	NOV	162 000
JUN	225 000	DEC	118 000

TOTAL DISCHARGE, 2 400 000 dam³

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.7B	16.0B	15.5B	14.8B	23.5B	28.8E	34.5	29.1	30.1E	24.8	18.6B	16.5B	1
2	16.6B	16.0B	15.5B	14.8B	24.4B	29.3E	33.7	29.8	29.7E	24.2	18.4B	16.4B	2
3	16.6B	16.0B	15.4B	14.9B	24.7	29.8E	32.6	30.1	28.8E	23.8	18.2B	16.4B	3
4	16.6B	16.0B	15.4B	15.0B	25.0	30.2A	32.0	29.7	28.0E	23.4	18.1B	16.3B	4
5	16.6B	16.0B	15.4B	15.0B	25.8	30.7	32.0	29.4	27.6A	23.3	18.0B	16.3B	5
6	16.6B	15.9B	15.4B	15.1B	26.5	31.3	31.9	28.4	26.8	23.3	17.9B	16.2B	6
7	16.5B	15.9B	15.4B	15.2B	26.6	31.4	31.7	28.0	27.4	23.1	17.8B	16.2B	7
8	16.5B	15.9B	15.3B	15.3B	26.2A	31.7	31.1	27.4	28.4	22.8	17.7B	16.1B	8
9	16.5B	15.9B	15.3B	15.4B	25.9E	32.1	30.0	26.3	28.4	23.1	17.7B	16.0B	9
10	16.5B	15.9B	15.3B	15.6B	25.7E	33.0	29.5	25.6	28.1	24.7	17.6B	16.0B	10
11	16.5B	15.8B	15.3B	15.7B	25.6E	33.3	29.6	25.7	27.5	24.9	17.5B	15.9B	11
12	16.4B	15.8B	15.2B	15.9B	25.5E	33.0	30.6	26.2	26.3	25.7	17.5B	15.9B	12
13	16.4B	15.8B	15.2B	16.0B	25.4E	33.6	31.3	27.4	25.4	21.9	17.4B	15.8B	13
14	16.4B	15.8B	15.2B	16.1B	25.4E	33.6	33.1	27.8	25.3	20.2	17.4B	15.8B	14
15	16.4B	15.8B	15.2B	16.4B	25.3E	32.9	33.1	27.6A	25.1	18.4	17.3B	15.7B	15
16	16.4B	15.7B	15.2B	16.6B	25.4E	32.0	32.2	27.3E	25.6	17.9	17.3B	15.7B	16
17	16.4B	15.7B	15.1B	16.9B	25.5E	33.3	31.6	26.0E	27.5	18.1	17.2B	15.6B	17
18	16.3B	15.7B	15.1B	17.1B	25.6E	34.3	31.5	24.9E	29.1	18.4	17.1B	15.6B	18
19	16.3B	15.7B	15.1B	17.4B	25.7E	34.6	31.2	25.0E	28.1	18.5	17.1B	15.6B	19
20	16.3B	15.7B	15.1B	17.7B	25.8E	35.0	31.0	25.9E	26.2	19.1	17.0B	15.5B	20
21	16.3B	15.6B	15.1B	18.0B	25.9E	35.4	30.9	28.2E	25.0	19.6	17.0B	15.5B	21
22	16.3B	15.6B	15.0B	18.4B	26.0E	34.6	31.0	30.9E	24.6	21.1	16.9B	15.4B	22
23	16.2B	15.6B	15.0B	18.8B	26.1E	33.4	31.4	31.9E	24.0	20.4	16.9B	15.4B	23
24	16.2B	15.6B	15.0B	19.2B	26.3E	32.6	31.7	31.5E	24.1	20.0	16.8B	15.3B	24
25	16.2B	15.6B	15.0B	19.7B	26.5E	32.5	31.1	30.3E	26.0	19.8B	16.8B	15.3B	25
26	16.2B	15.5B	15.0B	20.2B	26.7E	33.3	30.7	29.0E	26.9	19.6B	16.8B	15.2B	26
27	16.1B	15.5B	14.9B	20.8B	27.0E	34.1	30.3	28.9E	26.6	19.4B	16.7B	15.2B	27
28	16.1B	15.5B	14.9B	21.4B	27.3E	34.6	30.3	29.0E	25.3	19.3B	16.7B	15.1B	28
29	16.1B		14.9B	21.9B	27.6E	35.0	30.1	29.4E	23.8	19.2B	16.6B	15.1B	29
30	16.1B		14.9B	22.5B	28.0E	35.1	29.4	30.1E	24.9	18.9B	16.5B	15.0B	30
31	16.1B		14.9B		28.4E		28.7	30.5E		18.7B		15.0B	31
TOTAL	507.4	441.5	470.2	517.8	805.3	984.5	969.8	877.3	800.6	655.5	520.5	487.0	TOTAL
MEAN	16.4	15.8	15.2	17.3	26.0	32.8	31.3	28.3	26.7	21.1	17.4	15.7	MEAN
MAX	16.7	16.0	15.5	22.5	28.4	35.4	34.5	31.9	30.1	25.7	18.6	16.5	MAX
MIN	16.1	15.5	14.9	14.8	23.5	28.8	28.7	24.9	23.8	17.9	16.5	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.0
MAXIMUM DAILY, 35.4 ON JUN 21
MINIMUM DAILY, 14.8B ON APR 01
MAXIMUM INSTANTANEOUS,
35.6 AT 10:53 MST ON JUN 21

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 06 35 N
LONG 116 58 19 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 800	JUL	83 800
FEB	38 100	AUG	75 800
MAR	40 600	SEP	69 200
APR	44 700	OCT	56 600
MAY	69 600	NOV	45 000
JUN	85 100	DEC	42 100

TOTAL DISCHARGE, 694 000 dam³

NORTHWEST TERRITORIES

LAC LA MARTRE AT LAC LA MARTRE - STATION NO. 07TA002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.592A	1.619E	1.602	1.610	1.601	1.651	1.724	1.801A	1.698	1.549	1.567	1.571A	1
2	1.588A	1.621E	1.591	1.614	1.600	1.644A	1.711	1.793A	1.765	1.644A	1.568	---	2
3	1.594A	1.618A	1.595	1.609	1.594	1.643	1.724	1.745	1.707	1.605	1.569	---	3
4	1.616A	1.612	1.597	1.594	1.596	1.657	1.715	1.751	1.688	1.581	1.566	---	4
5	1.618A	1.614	1.599	1.606	1.602	1.667A	1.734	1.739A	1.650	1.591	1.562	---	5
6	1.617A	1.612	1.600	1.612	1.603	1.674A	1.741	1.690A	1.643	1.583A	1.567	---	6
7	1.612A	1.617	1.601	1.609	1.596	1.666A	1.733	1.726A	1.716A	1.561	1.582	---	7
8	1.609	1.608	1.597	1.609	1.604	1.676	1.718	1.715A	1.680	1.545	1.584A	---	8
9	1.610	1.602	1.597	1.604	1.607	1.682	1.722	1.703A	1.680	1.687A	1.581	---	9
10	1.614A	1.601	1.599	1.605	1.597	1.697A	1.726	1.722A	1.662	1.596	1.579	---	10
11	1.621A	1.603	1.596	1.613	1.597	1.678	1.748A	1.746A	1.612	1.497	1.576	---	11
12	1.602A	1.604	1.595	1.598	1.601	1.703	1.746	1.748	1.626A	1.484	1.575A	---	12
13	1.600	1.605	1.602	1.602	1.601	1.694	1.765	1.753	1.620	1.558	1.573	---	13
14	1.598	1.602A	1.604	1.604	1.604	1.677	1.794	1.730A	1.631	1.565	1.572	---	14
15	1.616A	1.592A	1.609	1.602	1.603	1.675	1.783	1.702A	1.632	1.567	1.568	---	15
16	1.612A	1.598	1.601	1.603	1.603	1.688	1.772	1.666	1.726	1.559	1.576	---	16
17	1.612A	1.612	1.598	1.604	1.608	1.698	1.786	1.663	1.742	1.541	1.575	---	17
18	1.608	1.597	1.614	1.611	1.610	1.715	1.786	1.734	1.598	1.549	1.570	---	18
19	1.606	1.608	1.602	1.601	1.609	1.715	1.781	1.692A	1.598	1.575	1.564	---	19
20	1.614	1.608	1.594	1.609	1.610	1.721	1.783	1.764	1.603	1.561A	1.563	---	20
21	1.618	1.603	1.612	1.614	1.616	1.714	1.787	1.732	1.577	1.493	1.568	---	21
22	1.621	1.603	1.600	1.611	1.623	1.713	1.823A	1.748	1.622	1.547	1.568	---	22
23	1.625	1.602A	1.610	1.608	1.631	1.694	1.833A	1.712A	1.603	1.533	1.562	---	23
24	1.622	1.592	1.626	1.606	1.629	1.720	1.827A	1.711	1.705	1.507	1.562	---	24
25	1.618	1.609A	1.614	1.600A	1.632	1.724	1.800	1.749	1.696A	1.598A	1.564	---	25
26	1.612A	1.593	1.606	1.598A	1.635	1.727	1.843A	1.692	1.641	1.588	1.554	---	26
27	1.611E	1.600	1.603	1.599	1.632	1.736	1.807A	1.678A	1.641	1.547A	1.558A	---	27
28	1.613E	1.618	1.599	1.601	1.636	1.761	1.812A	1.706	1.594	1.566	1.564	---	28
29	1.614E		1.606	1.600	1.642	1.749A	1.780	1.704	1.673	1.570	1.565	---	29
30	1.617E		1.608	1.602	1.650	1.735A	1.811	1.726	1.579	1.571	1.572	---	30
31	1.618E		1.607		1.652		1.784	1.706A		1.572		---	31
MEAN	1.611	1.606	1.603	1.605	1.614	1.696	1.771	1.724	1.654	1.564	1.569	---	MEAN
MAX	1.625	1.621	1.626	1.614	1.652	1.761	1.843	1.801	1.765	1.687	1.584	---	MAX
MIN	1.588	1.592	1.591	1.594	1.594	1.643	1.711	1.663	1.577	1.484	1.554	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.843A ON JUL 26
MINIMUM DAILY, 1.484 ON OCT 12
MAXIMUM INSTANTANEOUS,
2.000 AT 01:58 MST ON JUL 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 08 15 N
LONG 117 17 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

LENED CREEK ABOVE LITTLE NAHANNI RIVER - STATION NO. 10EB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.138B	0.095B	0.084B	0.070B	0.101E	3.88	2.85	0.959	1.77	1.36	0.331B	0.244B	1
2	0.137B	0.094B	0.085B	0.069B	0.104E	2.67	2.83	0.954	1.59	1.28	1.09 B	0.238B	2
3	0.134B	0.093B	0.071B	0.069B	0.107E	2.13	2.86	0.864	1.51	1.20	0.587B	0.243B	3
4	0.133B	0.092B	0.065B	0.068B	0.110E	2.16	2.65	0.764	1.61	1.12	0.299B	0.243B	4
5	0.131B	0.091B	0.064B	0.068B	0.115E	2.58	2.51	0.687	1.53	0.912	0.299B	0.237B	5
6	0.130B	0.090B	0.067B	0.068B	0.120E	2.75	2.41	0.803	1.59	0.967B	0.295B	0.232B	6
7	0.129B	0.089B	0.070B	0.068B	0.125E	2.75	2.38	1.62	2.08	0.880	0.325B	0.227B	7
8	0.127B	0.090B	0.071B	0.069B	0.129E	2.58	2.24	1.71	1.97	0.791	0.323B	0.224B	8
9	0.125B	0.086B	0.074B	0.070B	0.135E	2.45	2.25	1.42	1.85	0.772	0.315B	0.224B	9
10	0.124B	0.085B	0.084B	0.071B	0.142E	2.52	2.20	1.29	1.99	0.750	0.841B	0.218B	10
11	0.123B	0.086B	0.087B	0.072B	0.151E	2.56	2.13	1.19	2.34	0.652	3.37 B	0.218B	11
12	0.122B	0.085B	0.087B	0.072B	0.168E	2.89	1.90	1.09	2.38	0.609	2.14 B	0.217B	12
13	0.121B	0.084B	0.080B	0.073B	0.178E	3.13	1.81	0.983	2.33	0.550	0.293B	0.214B	13
14	0.120B	0.086B	0.077B	0.073B	0.197E	3.15	1.73	0.970	2.28	0.521	0.274B	0.211B	14
15	0.118B	0.086B	0.081B	0.073B	0.223E	3.40	1.68	1.01	2.35	0.661B	0.271B	0.209B	15
16	0.116B	0.085B	0.086B	0.074B	0.268A	3.26	1.46	0.907	2.60	1.64 B	0.279B	0.207B	16
17	0.115B	0.086B	0.088B	0.074B	0.316	3.32	1.40	0.978	2.30	0.612B	0.280B	0.205B	17
18	0.114B	0.087B	0.089B	0.074B	0.369	3.16	1.37	1.11	2.13	0.418B	0.277B	0.204B	18
19	0.113B	0.089B	0.091B	0.075B	0.390	2.97	1.31	1.12	2.07	0.627B	0.271B	0.202B	19
20	0.112B	0.090B	0.090B	0.077B	0.415	2.83	1.22	1.25	1.85	0.434B	0.282B	0.200B	20
21	0.111B	0.092B	0.087B	0.078B	0.961	2.75	1.22	1.38	1.70	0.406B	0.290B	0.198B	21
22	0.110B	0.094B	0.086B	0.081B	1.15	2.66	1.22	1.52	1.67	0.388B	0.281B	0.196B	22
23	0.109B	0.095B	0.085B	0.082B	0.963	3.53	1.19	1.41	2.01	0.373B	0.276B	0.193B	23
24	0.106B	0.093B	0.083B	0.083B	0.644	3.76	1.08	1.29	2.04	0.369B	0.268B	0.191B	24
25	0.104B	0.086B	0.081B	0.085B	0.696	4.04	0.985	1.17	1.96	0.372B	0.262B	0.189B	25
26	0.103B	0.085B	0.080B	0.086B	0.965	3.75	0.948	1.03	1.86	0.403B	0.260B	0.188B	26
27	0.102B	0.084B	0.077B	0.088B	1.14	3.45	0.861	0.973	1.68	0.421B	0.261B	0.186B	27
28	0.101B	0.084B	0.075B	0.091E	1.59	3.33	0.783	1.26	1.64	0.362B	0.262B	0.183B	28
29	0.099B		0.074B	0.094E	2.48	3.19	0.724	1.93	1.62	0.359B	0.255B	0.182B	29
30	0.097B		0.073B	0.097E	3.43	2.98	0.760	1.96	1.48	0.337B	0.253B	0.180B	30
31	0.096B		0.072B		4.95		1.06	1.94		0.398B		0.178B	31
TOTAL	3.620	2.482	2.464	2.292	22.832	90.58	52.021	37.542	57.78	20.944	15.110	6.481	TOTAL
MEAN	0.117	0.089	0.080	0.076	0.737	3.02	1.68	1.21	1.93	0.676	0.504	0.209	MEAN
MAX	0.138	0.095	0.091	0.097	4.95	4.04	2.86	1.96	2.60	1.64	3.37	0.244	MAX
MIN	0.096	0.084	0.064	0.068	0.101	2.13	0.724	0.687	1.48	0.337	0.253	0.178	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.861
MAXIMUM DAILY, 4.95 ON MAY 31
MINIMUM DAILY, 0.064B ON MAR 05
MAXIMUM INSTANTANEOUS,
5.20 AT 00:00 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 22 00 N
LONG 128 40 37 W
DRAINAGE AREA, 34.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	313	JUL	4 490
FEB	214	AUG	3 240
MAR	213	SEP	4 990
APR	198	OCT	1 810
MAY	1 970	NOV	1 310
JUN	7 830	DEC	560

TOTAL DISCHARGE, 27 100 dam³

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	496B	388B	336B	361B	2 190	10 900	5 220	2 160	1 410	1 310	480B	412B	1
2	502B	386B	338B	373B	2 320	12 300	5 370	2 110	1 430	1 310	450B	418B	2
3	492B	382B	341B	380B	2 680	13 100	5 830	2 090	1 480	1 330	415B	412B	3
4	479B	378B	340B	387B	2 890	13 400	6 300	2 060	1 470	1 340	375B	427B	4
5	469B	375B	339B	390B	3 230	12 700	6 280	2 000	1 450	1 330	345B	438B	5
6	463B	371B	342B	395B	3 590	11 300	5 730	1 940	1 470	1 310	310B	450B	6
7	453B	368B	344B	398B	4 180	9 920	5 140	1 950	1 490	1 290	280B	469B	7
8	435B	365B	347B	402B	4 480	9 440	4 730	2 370	1 490	1 260	270B	465B	8
9	425B	362B	349B	406B	4 480A	9 400	4 410	2 350	1 510	1 240	260B	478B	9
10	414B	360B	351B	412B	4 250E	9 260	4 180	2 210	1 510	1 220	275B	488B	10
11	410B	358B	350B	420B	4 050E	8 780	4 030	2 130	1 510	1 210	295B	483B	11
12	412B	356B	346B	419B	3 600E	8 190	3 860	2 050	1 480	1 210	310B	458B	12
13	410B	354B	345B	415B	3 650E	7 550	3 670	1 960	1 450	1 210	330B	440B	13
14	409B	352B	344B	422B	3 450E	7 080	3 680	1 900	1 420	1 200	350B	435B	14
15	413B	351B	344B	431B	3 350E	6 750	3 680	1 870	1 400	1 170	373B	419B	15
16	419B	350B	345B	445B	3 300E	6 550	3 450	1 840	1 390	1 140	390B	413B	16
17	419B	349B	344B	468B	3 450E	6 450	3 250	1 810	1 380	1 100	410B	418B	17
18	419B	348B	346B	494B	3 650E	6 270	3 130	1 770	1 370	1 070	420B	411B	18
19	416B	346B	346B	525B	3 900E	5 930	3 240	1 730	1 360	1 030	428B	400B	19
20	416B	345B	345B	562B	4 050E	5 460	3 330	1 680	1 350	991	434B	390B	20
21	419B	343B	346B	600B	4 300E	5 030	3 240	1 640	1 360	972	427B	377B	21
22	420B	341B	344B	750B	4 530A	4 700	3 080	1 660	1 340	924	432B	373B	22
23	424B	338B	337B	880B	4 750	4 480	2 910	1 650	1 320	903	451B	375B	23
24	421B	334B	334B	950B	4 920	4 490	2 820	1 690	1 320	912B	451B	373B	24
25	417B	333B	333B	1 150B	4 990	4 660	2 800	1 710	1 310	850B	422B	366B	25
26	413B	333B	330B	1 570B	5 020	4 930	2 800	1 690	1 290	800B	418B	363B	26
27	407B	332B	329B	1 920B	5 030	5 040	2 740	1 630	1 300	740B	415B	357B	27
28	400B	331B	330B	2 090B	5 260	5 020	2 640	1 560	1 320	670B	433B	362B	28
29	396B		336B	2 100	5 830	4 940	2 510	1 510	1 340	610B	442B	358B	29
30	392B		340B	2 100	6 440	4 990	2 380	1 460	1 320	550B	435B	352B	30
31	390B		350B		7 720		2 260	1 420		520B		345B	31
TOTAL	13 270	9 929	10 591	22 615	129 530	229 010	118 690	57 600	42 040	32 722	11 526	12 725	TOTAL
MEAN	428	355	342	754	4 180	7 630	3 830	1 860	1 400	1 060	384	410	MEAN
MAX	502	388	351	2 100	7 720	13 400	6 300	2 370	1 510	1 340	480	488	MAX
MIN	390	331	329	361	2 190	4 480	2 260	1 420	1 290	520	260	345	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 890
MAXIMUM DAILY, 13 400 ON JUN 04
MINIMUM DAILY, 260B ON NOV 09
MAXIMUM INSTANTANEOUS,
13 400 AT 09:05 MST ON JUN 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 14 35 N
LONG 123 28 45 W
DRAINAGE AREA, 222 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150 000	JUL	10 300 000
FEB	858 000	AUG	4 980 000
MAR	915 000	SEP	3 630 000
APR	1 950 000	OCT	2 830 000
MAY	11 200 000	NOV	996 000
JUN	19 800 000	DEC	1 100 000

TOTAL DISCHARGE, 59 700 000 dam³

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	667B	570B	453B	440B	3 050B	8 710	6 250	3 270	2 500	2 150	900B	619B	1
2	667B	558B	451B	448B	3 200B	11 600	6 390	3 140	2 550	2 120	800B	631B	2
3	663B	548B	450B	456B	3 400B	13 200	6 480	3 280	2 440	2 070	659B	635B	3
4	683B	541B	451B	475B	3 620B	14 000	6 590	3 320	2 360	2 040	525B	623B	4
5	692B	535B	455B	498B	3 850B	14 400	6 980	3 220	2 340	2 030	491B	600B	5
6	694B	529B	461B	509B	4 190	14 300	7 220	3 120	2 320	2 030	447B	597B	6
7	673B	519B	461B	512B	4 430	13 500	6 980	3 100	2 320	1 990	449B	598B	7
8	664B	509B	457B	512B	4 870	12 100	6 440	3 550	2 370	1 920	456B	593B	8
9	642B	497B	458B	520B	5 230	11 100	6 000	4 690	2 420	1 870	448B	604B	9
10	640B	491B	459B	530B	5 400	10 600	5 660	4 710	2 490	1 810	373B	619B	10
11	619B	486B	462B	534B	5 280	10 300	5 410	4 300	2 550	1 780	326B	639B	11
12	602B	478B	466B	535B	5 000	9 950	5 170	3 880	2 480	1 750	280B	642B	12
13	587B	470B	466B	543B	4 740	9 440	5 080	3 580	2 420	1 730	307B	656B	13
14	576B	466B	465B	550B	4 540	8 890	4 990	3 370	2 480	1 710	332B	677B	14
15	575B	463B	460B	553B	4 390	8 400	5 250	3 190	2 500	1 690	342B	672B	15
16	577B	464B	454B	559B	4 300	8 090	5 260	3 060	2 460	1 690	378B	653B	16
17	576B	462B	447B	561B	4 280	7 800	5 030	2 970	2 450	1 650	396B	641B	17
18	584B	461B	446B	571B	4 360	7 680	4 720	2 900	2 440	1 580	409B	627B	18
19	586B	461B	446B	592B	4 540	7 530	4 440	2 860	2 480	1 520	423B	623B	19
20	588B	460B	445B	618B	4 690	7 350	4 290	2 810	2 450	1 420	440B	613B	20
21	591B	458B	444B	652B	4 820	6 950	4 310	2 750	2 350	1 320	511B	613B	21
22	591B	457B	445B	700B	4 920	6 420	4 320	2 730	2 280	1 270	584B	614B	22
23	592B	462B	443B	744B	5 140	6 020	4 210	2 700	2 220	1 300	614B	605B	23
24	588B	463B	442B	800B	5 490	5 730	4 050	2 780	2 170	1 310	650B	591B	24
25	589B	464B	436B	733B	5 760	5 660	3 930	2 750	2 130	1 280	668B	581B	25
26	590B	464B	430B	1 220B	5 830	5 820	3 830	2 700	2 220	1 260	675B	570B	26
27	592B	461B	424B	2 210B	5 840	6 050	3 760	2 650	2 310	1 230B	680B	572B	27
28	591B	458B	418B	2 250B	5 840	6 240	3 700	2 580	2 280	1 190B	674B	568B	28
29	588B		416B	2 540B	6 090	6 330	3 620	2 480	2 230	1 150B	649B	560B	29
30	583B		417B	2 850B	6 630	6 240	3 500	2 370	2 180	1 040B	627B	549B	30
31	577B		423B		7 380		3 360	2 350		980B		546B	31
TOTAL	19 027	13 655	13 851	25 215	151 100	270 400	157 220	97 160	71 190	49 880	15 413	18 931	TOTAL
MEAN	614	488	447	841	4 870	9 010	5 070	3 130	2 370	1 610	514	611	MEAN
MAX	694	570	466	2 850	7 380	14 400	7 220	4 710	2 550	2 150	900	677	MAX
MIN	575	457	416	440	3 050	5 660	3 360	2 350	2 130	980	280	546	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 470
MAXIMUM DAILY, 14 400 ON JUN 05
MINIMUM DAILY, 280B ON NOV 12
MAXIMUM INSTANTANEOUS,
14 400 AT 15:08 MST ON JUN 05

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 44 50 N
LONG 121 13 25 W
DRAINAGE AREA, 277 000 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 640 000	JUL	13 600 000
FEB	1 180 000	AUG	8 390 000
MAR	1 200 000	SEP	6 150 000
APR	2 180 000	OCT	4 310 000
MAY	13 100 000	NOV	1 330 000
JUN	23 400 000	DEC	1 640 000

TOTAL DISCHARGE, 78 100 000 dam³

NORTHWEST TERRITORIES

LITTLE BUFFALO RIVER BELOW HIGHWAY NO. 5 - STATION NO. 07PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0 B	0.060B	8.00B	1.01	0.173	0.134	0.143	0.131	0.202B	0.070B	1
2	0B	0B	0 B	0.080B	9.00B	1.02	0.162	0.139	0.141	0.131	0.206B	0.064B	2
3	0B	0B	0 B	0.100B	10.0 B	0.890	0.152	0.136	0.119	0.133	0.208B	0.056B	3
4	0B	0B	0 B	0.140B	7.00B	0.717	0.135	0.143	0.113	0.133	0.212B	0.050B	4
5	0B	0B	0 B	0.180B	5.00B	0.543	0.119	0.133	0.121	0.139	0.214B	0.046B	5
6	0B	0B	0 B	0.220B	4.20E	0.439	0.108	0.112	0.126	0.147	0.216B	0.038B	6
7	0B	0B	0 B	0.250B	3.90A	0.399	0.108	0.117	0.134	0.158	0.217B	0.032B	7
8	0B	0B	0 B	0.290B	3.57	0.423	0.098	0.116	0.128	0.167	0.218B	0.028B	8
9	0B	0B	0 B	0.360B	3.30	0.714	0.089	0.133	0.129	0.163	0.218B	0.022B	9
10	0B	0B	0 B	0.440B	3.11	1.10	0.096	0.139	0.129	0.163	0.217B	0.016B	10
11	0B	0B	0 B	0.575B	2.92	1.14	0.097	0.135	0.156	0.161	0.216B	0.010B	11
12	0B	0B	0 B	0.660B	2.79	1.11	0.108	0.143	0.161	0.162	0.214B	0.006B	12
13	0B	0B	0 B	0.740B	2.58	0.907	0.124	0.143	0.154	0.161	0.211B	0.002B	13
14	0B	0B	0 B	0.830B	2.47	0.768	0.133	0.126	0.157	0.162	0.206B	0 B	14
15	0B	0B	0 B	0.900B	2.18	0.693	0.145	0.111	0.155	0.160	0.200B	0 B	15
16	0B	0B	0 B	1.00 B	2.01	0.609	0.150	0.097	0.152	0.159	0.194B	0 B	16
17	0B	0B	0 B	1.10 B	1.91	0.511	0.148	0.095	0.143	0.156B	0.184B	0 B	17
18	0B	0B	0 B	1.20 B	1.77	0.417	0.153	0.095	0.134	0.155B	0.178B	0 B	18
19	0B	0B	0 B	1.60 B	1.85	0.385	0.153	0.099	0.135	0.156B	0.170B	0 B	19
20	0B	0B	0 B	2.50 B	1.91	0.372	0.161	0.099	0.152	0.157B	0.160B	0 B	20
21	0B	0B	0 B	3.53 B	1.86	0.380	0.158	0.095	0.133	0.158B	0.150B	0 B	21
22	0B	0B	0 B	5.60 B	1.76	0.371	0.154	0.095	0.136	0.160B	0.140B	0 B	22
23	0B	0B	0 B	8.29 B	1.61	0.351	0.142	0.117	0.151	0.162B	0.131B	0 B	23
24	0B	0B	0 B	9.00 B	1.51	0.331	0.148	0.146	0.143	0.166B	0.122B	0 B	24
25	0B	0B	0 B	9.18 B	1.45	0.299	0.157	0.174	0.140	0.170B	0.116B	0 B	25
26	0B	0B	0 B	8.60 B	1.45	0.277	0.165	0.245	0.137	0.174B	0.108B	0 B	26
27	0B	0B	0 B	7.09 B	1.44	0.251	0.179	0.243	0.138	0.180B	0.100B	0 B	27
28	0B	0B	0.005B	6.40 B	1.46	0.232	0.190	0.230	0.149	0.186B	0.092B	0 B	28
29	0B		0.015B	6.80 B	1.43	0.229	0.176	0.207	0.145	0.192B	0.084B	0 B	29
30	0B		0.025B	7.20 B	1.29	0.200	0.176	0.188	0.132	0.196B	0.076B	0 B	30
31	0B		0.040B		1.09		0.154	0.156		0.200B		0 B	31
TOTAL	0	0	0.085	84.915	95.82	17.088	4.411	4.341	4.179	4.998	5.180	0.440	TOTA
MEAN	0	0	0.003	2.83	3.09	0.570	0.142	0.140	0.139	0.161	0.173	0.014	MEAN
MAX	0	0	0.040	9.18	10.0	1.14	0.190	0.245	0.157	0.200	0.218	0.070	MAX
MIN	0	0	0	0.060	1.09	0.200	0.089	0.095	0.113	0.131	0.076	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.607
MAXIMUM DAILY, 10.0B ON MAY 03
MINIMUM DAILY, 0B ON JAN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 03 01 N
LONG 112 41 52 W
DRAINAGE AREA 3 330 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	381
FEB	0	AUG	375
MAR	7.34	SEP	361
APR	7 340	OCT	432
MAY	8 280	NOV	448
JUN	1 480	DEC	38.0

TOTAL DISCHARGE, 19 100 dam³

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116A	101	90.0	82.3	74.5	85.7	122	183	227	234	206	186	1
2	115	101	89.7	82.7	74.3	87.4	123	190	229	234	205	185	2
3	114	101	90.6	83.2	74.2	89.2	124	185	231	235	204	184	3
4	113	101	90.3	82.6	74.3	90.2	125	186	231	233	204	184	4
5	113	101	90.1	82.4	74.3	92.7	127	190	233	231	203	181	5
6	113	101	89.6	81.2	74.3	93.8	129	193	227	228	201	183	6
7	113	101	89.1	80.3	74.2	95.8	129	206	233	228	205	183	7
8	113	100	88.0	79.9	74.0	97.7	129	200	232	226	205	183	8
9	113	99.5	88.6	80.4	74.0	98.4	130	197	229	227	205	181	9
10	112	98.6	87.8	80.0	72.4	99.6	132	198	233	238	204	180	10
11	109	99.5	87.7	79.0	72.0	101	135	199	233	229	200	180	11
12	109	97.9	87.5E	78.8	72.1	102	138	201	234	225	198	179	12
13	110	97.4	87.5	78.6	72.1	102	141	203	234	225	200	179	13
14	110	93.8	87.2	78.7	71.7A	103	144	202	233	223	198	178	14
15	108	92.2	87.2	78.5	71.8	104	147	204	233	221	197	177	15
16	108	94.7	85.5	78.2	71.8	105	150	205	234	220	197	176	16
17	108	94.7	85.0	78.2	71.8	106	153	205	235	217	195	175	17
18	108	95.0	85.0	78.7	71.8	106	155	203	242	217	194	173	18
19	108	95.1	85.0	78.7	71.7	107	157	210	237	217	194	171	19
20	109	95.2	84.1	78.0	71.7	108	158	206	234	215	194	170	20
21	108	94.2	83.3	77.9	71.7	108	160	211	233	213	194	169	21
22	106	94.2	83.4	78.0	71.1	109	163	215	231	213	195	167	22
23	106	93.8	82.9	77.1	71.9	110	166	221	233	211	195	166	23
24	106	92.6	82.4	76.7	73.5	113	166	220	233	210	194	164	24
25	105	92.7	82.6	76.8	74.2	114	170	215	237	209	192	163	25
26	105	91.1	82.7	76.8	74.4	115	174	217	239	209	191	163	26
27	104	91.2	83.0	76.5	75.8	116	177	220	236	210	190	163	27
28	103	91.7	82.7	76.1	76.7	116	176	218	228	220	190	162	28
29	102		82.7	76.1	78.6	119	176	219	226	222	190	161	29
30	102		83.3	75.2	81.3	121	178	228	233	209	188	160	30
31	101		83.0		84.6		179	226		207		159	31
TOTAL	3 370	2 702.1	2 667.5	2 367.6	2 292.8	3 115.5	4 633	6 376	6 983	6 856	5 928	5 385	TOTA
MEAN	109	96.5	86.0	78.9	74.0	104	149	206	233	221	198	174	MEAN
MAX	116	101	90.6	83.2	84.6	121	179	228	242	238	206	186	MAX
MIN	101	91.1	82.4	75.2	71.1	85.7	122	183	226	207	188	159	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 144
MAXIMUM DAILY, 242 ON SEP 18
MINIMUM DAILY, 71.1 ON MAY 22
MAXIMUM INSTANTANEOUS,
246 AT 08:41 MST ON SEP 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 48 N
LONG 108 28 17 W
DRAINAGE AREA, 26 600 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	291 000	JUL	400 000
FEB	233 000	AUG	551 000
MAR	230 000	SEP	603 000
APR	205 000	OCT	592 000
MAY	198 000	NOV	512 000
JUN	269 000	DEC	465 000

TOTAL DISCHARGE, 4 550 000 dam³

NORTHWEST TERRITORIES

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 06OA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48B	1.00B	1.00B	1.00B	1.00B	1.00B	1 010	1 020	206	69.3	1.80 B	0.135B	1
2	1.45B	1.00B	1.00B	1.00B	1.00B	1.00B	952	976	192	64.9	1.75 B	0.120B	2
3	1.43B	1.00B	1.00B	1.00B	1.00B	1.00B	895	874	187	60.1	1.65 B	0.105B	3
4	1.40B	1.00B	1.00B	1.00B	1.00B	1.00B	819	745	179	55.9	1.55 B	0.090B	4
5	1.38B	1.00B	1.00B	1.00B	1.00B	1.00B	742	632	179	48.6	1.40 B	0.075B	5
6	1.35B	1.00B	1.00B	1.00B	1.00B	1.00B	676	538	191	39.4	1.35 B	0.060B	6
7	1.33B	1.00B	1.00B	1.00B	1.00B	1.00B	615	481	203	28.5	1.25 B	0.045B	7
8	1.30B	1.00B	1.00B	1.00B	1.00B	1.00B	561	457	212	25.9	1.10 B	0.030B	8
9	1.28B	1.00B	1.00B	1.00B	1.00B	1.60B	519	430	195	22.2	1.05 B	0.015B	9
10	1.25B	1.00B	1.00B	1.00B	1.00B	3.00B	480	396	182	18.4 B	1.00 B	0 B	10
11	1.23B	1.00B	1.00B	1.00B	1.00B	5.90B	434	359	172	16.0 B	0.950B	0 B	11
12	1.20B	1.00B	1.00B	1.00B	1.00B	12.0 B	390	322	159	12.6 B	0.850B	0 B	12
13	1.18B	1.00B	1.00B	1.00B	1.00B	20.0 B	347	287	148	11.1 B	0.800B	0 B	13
14	1.15B	1.00B	1.00B	1.00B	1.00B	27.3 B	312	256	138	9.80B	0.750B	0 B	14
15	1.13B	1.00B	1.00B	1.00B	1.00B	37.0 B	287	229	128	8.10B	0.700B	0 B	15
16	1.10B	1.00B	1.00B	1.00B	1.00B	50.5 B	271	203	119	7.40B	0.650B	0 B	16
17	1.08B	1.00B	1.00B	1.00B	1.00B	70.0 B	255	182	112	6.20B	0.600B	0 B	17
18	1.05B	1.00B	1.00B	1.00B	1.00B	91.0 B	239	167	109	5.60B	0.550B	0 B	18
19	1.03B	1.00B	1.00B	1.00B	1.00B	125 B	224	163	109	5.05B	0.500B	0 B	19
20	1.00B	1.00B	1.00B	1.00B	1.00B	176	215	165	107	4.60B	0.400B	0 B	20
21	1.00B	1.00B	1.00B	1.00B	1.00B	256	209	179	103	4.05B	0.385B	0 B	21
22	1.00B	1.00B	1.00B	1.00B	1.00B	399	200	187	96.0	3.70B	0.370B	0 B	22
23	1.00B	1.00B	1.00B	1.00B	1.00B	531	193	229	91.0	3.25B	0.355B	0 B	23
24	1.00B	1.00B	1.00B	1.00B	1.00B	640	183	298	87.5	2.90B	0.325B	0 B	24
25	1.00B	1.00B	1.00B	1.00B	1.00B	747	174	321	87.1	2.50B	0.300B	0 B	25
26	1.00B	1.00B	1.00B	1.00B	1.00B	827	170	309	86.2	2.20B	0.270B	0 B	26
27	1.00B	1.00B	1.00B	1.00B	1.00B	891	171	283	84.1	2.05B	0.240B	0 B	27
28	1.00B	1.00B	1.00B	1.00B	1.00B	1 000	183	259	80.3	2.00B	0.210B	0 B	28
29	1.00B		1.00B	1.00B	1.00B	1 110	252	241	75.6	1.95B	0.180B	0 B	29
30	1.00B		1.00B	1.00B	1.00B	1 100	459	228	72.6	1.90B	0.150B	0 B	30
31	1.00B		1.00B		1.00B		858	218		1.85B		0 B	31
TOTAL	35.80	28.00	31.00	30.00	31.00	8 130.30	13 295	11 634	4 090.4	548.00	23.435	0.675	TOTAL
MEAN	1.15	1.00	1.00	1.00	1.00	271	429	375	136	17.7	0.781	0.022	MEAN
MAX	1.48	1.00	1.00	1.00	1.00	1 110	1 010	1 020	212	69.3	1.80	0.135	MAX
MIN	1.00	1.00	1.00	1.00	1.00	1.00	170	163	72.6	1.85	0.150	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 104
MAXIMUM DAILY, 1 110 ON JUN 29
MINIMUM DAILY, 0B ON DEC 10
MAXIMUM INSTANTANEOUS,
1 130 AT 18:35 CST ON JUN 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 17 39 N
LONG 090 26 45 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 090	JUL	1 150 000
FEB	2 420	AUG	1 010 000
MAR	2 680	SEP	353 000
APR	2 590	OCT	47 300
MAY	2 680	NOV	2 020
JUN	702 000	DEC	58.3

TOTAL DISCHARGE, 3 280 000 dam³

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.445B	0.373B	0.285B	0.185B	0.408B	34.5	10.1	3.25	5.16	5.35	1.02 B	0.639B	1
2	0.442B	0.372B	0.282B	0.182B	0.564B	16.5	10.5	3.04	4.74	4.98	1.05 B	0.567B	2
3	0.440B	0.370B	0.280B	0.180B	0.652	11.9	9.74	2.96	4.73	4.61	1.07 B	0.521B	3
4	0.438B	0.368B	0.275B	0.177B	0.817	13.5	8.43	2.68	7.17	4.21	1.18 B	0.509B	4
5	0.435B	0.366B	0.273B	0.173B	1.02	21.1	8.27	2.59	7.31	3.92	1.17 B	0.506B	5
6	0.433B	0.365B	0.270B	0.152B	1.18	20.9	8.12	2.62	7.96	4.19	1.11 B	0.537B	6
7	0.431B	0.363B	0.266B	0.150B	1.31	19.9	8.97	4.82	8.86	4.03	1.03 B	0.545B	7
8	0.430B	0.360B	0.263B	0.158B	1.69	17.5	8.31	4.34	6.91	3.82	0.965B	0.550B	8
9	0.428B	0.355B	0.260B	0.169B	1.92	14.7	8.70	3.57	6.42	3.58	0.907B	0.560B	9
10	0.425B	0.350B	0.258B	0.208B	1.67	15.3	7.77	3.38	8.08	3.41	0.859B	0.560B	10
11	0.422B	0.348B	0.255B	0.243B	1.67	15.0	7.51	3.20	8.38	3.26	0.840B	0.540B	11
12	0.420B	0.344B	0.250B	0.263B	1.61	15.5	5.72	2.98	7.21	3.15	0.809B	0.525B	12
13	0.418B	0.340B	0.246B	0.267B	1.69	16.3	5.17	2.76	5.62	2.72 B	0.824B	0.510B	13
14	0.416B	0.338B	0.243B	0.241B	1.72	15.9	5.22	2.55	6.39	1.98 B	0.852B	0.484B	14
15	0.413B	0.335B	0.240B	0.261B	1.92	16.4	4.69	3.49	8.42	1.62 B	0.835B	0.450B	15
16	0.410B	0.332B	0.237B	0.267B	2.47	15.6	4.48	3.17	6.98	1.42 B	0.810B	0.410B	16
17	0.408B	0.330B	0.235B	0.267B	2.99	15.7	4.39	2.87	6.21	1.20 B	0.748B	0.385B	17
18	0.405B	0.328B	0.232B	0.380B	3.32	13.8	4.38	3.02	5.92	0.974B	0.685B	0.367B	18
19	0.402B	0.324B	0.230B	0.370B	3.51	11.5	4.27	2.82	5.44	0.942B	0.642B	0.360B	19
20	0.400B	0.320B	0.226B	0.350B	3.80	11.3	4.55	3.87	5.14	0.821B	0.593B	0.332B	20
21	0.398B	0.317B	0.223B	0.340B	5.07	10.9	4.46	3.47	6.29	0.782B	0.569B	0.333B	21
22	0.395B	0.313B	0.220B	0.400B	6.62	10.7	4.21	3.24	7.61	0.685B	0.556B	0.318B	22
23	0.393B	0.310B	0.218B	0.500B	7.27	13.6	4.05	2.97	8.40	0.600B	0.563B	0.319B	23
24	0.391B	0.305B	0.214B	0.470B	6.65	13.1	3.67	2.67	8.34	0.551B	0.580B	0.336B	24
25	0.390B	0.300B	0.210B	0.410B	6.37	13.9	3.37	2.52	7.05	0.634B	0.576B	0.314B	25
26	0.388B	0.297B	0.205B	0.450B	8.34	13.2	3.11	2.39	6.08	0.720B	0.605B	0.335B	26
27	0.385B	0.295B	0.200B	0.700B	9.87	11.4	2.97	2.32	6.00	0.850B	0.634B	0.290B	27
28	0.382B	0.290B	0.196B	0.402B	13.9	11.3	2.74	2.57	6.36	0.940B	0.647B	0.307B	28
29	0.380B		0.193B	0.329B	20.2	11.4	2.55	8.51	6.01	0.970B	0.676B	0.326B	29
30	0.378B		0.190B	0.361B	30.1	10.8	2.69	8.37	5.70	0.990B	0.676B	0.313B	30
31	0.375B		0.188B		51.0		3.51	6.15		1.00 B		0.310B	31
TOTAL	12.716	9.408	7.363	9.005	201.321	453.1	176.62	109.16	201.89	68.909	24.081	13.358	TOTAL
MEAN	0.410	0.336	0.238	0.300	6.49	15.1	5.70	3.52	6.73	2.22	0.803	0.431	MEAN
MAX	0.445	0.373	0.285	0.700	51.0	34.5	10.5	8.51	8.86	5.35	1.18	0.639	MAX
MIN	0.375	0.290	0.188	0.150	0.408	10.7	2.55	2.32	4.73	0.551	0.556	0.290	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.53
MAXIMUM DAILY, 51.0 ON MAY 31
MINIMUM DAILY, 0.150B ON APR 07
MAXIMUM INSTANTANEOUS,
55.3 AT 21:57 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 12 43 N
LONG 128 45 53 W
DRAINAGE AREA, 216 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 100	JUL	15 300
FEB	813	AUG	9 430
MAR	636	SEP	17 400
APR	778	OCT	5 950
MAY	17 400	NOV	2 080
JUN	39 100	DEC	1 150

TOTAL DISCHARGE, 111 000 dam³

NORTHWEST TERRITORIES

MACKENZIE RIVER (EAST CHANNEL) ABOVE KITTIGAZUIT BAY - STATION NO. 10LC013

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	11.306	9.715A	9.579	9.889	9.405	9.426	9.358	1
2	---	---	---	---	---	11.318	9.728A	9.665	9.881	9.520	9.453	9.385	2
3	---	---	---	---	---	11.024	9.677A	9.921	9.854	9.535	9.415	9.446	3
4	---	---	---	---	---	10.732	9.611A	9.731	9.650	9.547	9.614	---	4
5	---	---	---	---	---	10.498	9.620A	9.564	9.518	9.654	9.761	---	5
6	---	---	---	---	---	10.352	9.564	9.490	9.615	9.437	9.667	---	6
7	---	---	---	---	---	10.224	9.627	9.478	9.604	9.386	9.487	---	7
8	---	---	---	---	---	10.154	9.860A	9.420	9.779	9.369	9.375	---	8
9	---	---	---	---	---	10.085	---	9.470	9.862	9.341	9.310	---	9
10	---	---	---	---	---	9.997	---	9.526	9.600	9.188	9.261	---	10
11	---	---	---	---	---	9.998	---	9.513	9.525	9.108	9.256	---	11
12	---	---	---	---	---	9.903	---	9.485	9.575	9.377	9.399	---	12
13	---	---	---	---	---	9.859	---	9.482	9.656	9.604	9.551	---	13
14	---	---	---	---	---	9.890	---	9.403	9.681	9.582	9.603	---	14
15	---	---	---	---	---	9.931	---	9.416	9.819	9.477	9.565	---	15
16	---	---	---	---	---	9.922	---	9.403	9.874	9.491	9.518	---	16
17	---	---	---	---	---	9.905	9.700A	9.416	9.596	9.523	9.505	---	17
18	---	---	---	---	---	9.852	9.606	9.397	9.458	9.585	9.503	---	18
19	---	---	---	---	---	9.802	9.662	9.473	9.344	9.482	9.495	---	19
20	---	---	---	---	---	9.781	9.690	9.521	9.314	9.623	9.487	---	20
21	---	---	---	---	---	9.835	9.779	9.433	9.472	9.847	9.455	---	21
22	---	---	---	---	---	9.868	9.898	9.481	9.533	9.651	9.393	---	22
23	---	---	---	---	---	9.880	9.892	9.482	9.632	9.522	9.360	---	23
24	---	---	---	---	10.815A	9.946	9.883	9.458	9.806	9.416	9.328	---	24
25	---	---	---	---	10.826	9.867	9.800	9.467	9.603	9.376	9.332	---	25
26	---	---	---	---	10.837	9.821	9.601	9.314	9.560	9.291	9.331	---	26
27	---	---	---	---	10.872	9.802	9.599	9.516	9.682	9.177	9.342	---	27
28	---	---	---	---	10.897	9.773	9.571	9.636	9.725	9.127	9.387	---	28
29	---		---	---	10.970	9.720A	9.509	9.678	9.551	9.152	9.377	---	29
30	---		---	---	11.048	9.707A	9.537	9.551	9.419	9.302	9.363	---	30
31	---		---		11.188		9.529	9.526		9.395		---	31
MEAN	---	---	---	---	---	10.092	---	9.513	9.636	9.434	9.444	---	MEAN
MAX	---	---	---	---	---	11.318	---	9.921	9.889	9.847	9.761	---	MAX
MIN	---	---	---	---	---	9.707	---	9.314	9.314	9.108	9.256	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 11.318 ON JUN 02
MINIMUM DAILY, 9.108 ON OCT 11
MAXIMUM INSTANTANEOUS,
11.428 AT 05:51 MST ON JUN 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 18 20 N
LONG 133 53 35 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -10.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.5B	27.0B	24.3B	23.0B	26.0B	740B	422	185	180E	162	88.1B	20.2B	1
2	35.3B	27.7B	24.1B	23.1B	26.3B	710B	408	184	187E	158	85.0B	20.6B	2
3	35.0B	27.5B	24.0B	23.1B	26.8B	670B	389	187E	193E	156	82.5B	21.3B	3
4	34.7B	27.3B	23.9B	23.1B	27.1B	640B	368	191E	194E	152	80.0B	22.4B	4
5	34.3B	27.1B	23.8B	23.1B	28.0B	610B	346	194E	193E	155	76.8B	23.5B	5
6	34.0B	27.0B	23.8B	23.1B	29.1B	583	331	195E	190	148	73.5B	24.7B	6
7	33.6B	26.8B	23.7B	23.1B	30.2B	545	315	196	185	137	70.0B	25.8B	7
8	33.0B	26.7B	23.7B	23.1B	31.9B	514	321	197	188	128	67.0B	26.8B	8
9	32.7B	26.5B	23.6B	23.1B	33.6B	498	320	197	195	121	64.0B	27.8B	9
10	32.4B	26.4B	23.6B	23.1B	36.2B	488	306	205	187	109	60.0B	28.8B	10
11	32.2B	26.3B	23.5B	23.1B	39.7B	483	308	205	173	90.4	56.5B	29.8B	11
12	32.0B	26.1B	23.5B	23.1B	48.0B	483	303	201	165	81.4	53.0B	30.5B	12
13	31.7B	26.0B	23.4B	23.1B	62.0B	473	295	197	161	106	49.5B	31.4B	13
14	31.4B	25.9B	23.3B	23.2B	87.0B	468	289	195	160	114	45.0B	32.3B	14
15	31.2B	25.8B	23.3B	23.2B	107 B	455	282	192	159E	111	42.0B	33.2B	15
16	31.0B	25.7B	23.2B	23.3B	134 B	443	274	191	157E	109	38.5B	33.8B	16
17	30.7B	25.5B	23.2B	23.4B	155 B	419	266	192	155E	105	35.5B	34.5B	17
18	30.4B	25.4B	23.1B	23.5B	171 B	404	255	190	153E	101 B	32.5B	35.3B	18
19	30.2B	25.3B	23.1B	23.6B	188 B	398	245	185	152E	97.0B	30.2B	36.1B	19
20	30.0B	25.1B	23.1B	23.7B	205 B	394	238	183	152	95.0B	28.0B	36.8B	20
21	29.8B	25.0B	23.0B	23.8B	220 B	393	235	178	154	95.5B	26.0B	37.5B	21
22	29.7B	24.9B	23.0B	23.9B	245 B	401	233E	175	165	96.0B	24.0B	38.2B	22
23	29.5B	24.8B	23.0B	24.1B	270 B	404	232E	177	170	98.0B	22.7B	38.8B	23
24	29.2B	24.7B	23.0B	24.3B	310 B	416	231E	177	180	99.5B	21.5B	39.3B	24
25	29.0B	24.7B	23.0B	24.5B	360 B	409	228E	184	180	100 B	20.8B	39.9B	25
26	28.9B	24.6B	23.0B	24.7B	460 B	408	225E	179	177	99.0B	20.3B	40.3B	26
27	28.7B	24.5B	23.0B	24.9B	570 B	421	218	177	179	97.5B	20.1B	40.8B	27
28	28.5B	24.4B	23.0B	25.1B	670 B	417	205	181	180	96.5B	20.0B	41.5B	28
29	28.3B		23.0B	25.3B	750 B	422	196	184	177	94.5B	20.0B	41.9B	29
30	28.1B		23.0B	25.6B	770 B	425	190	185	170	92.5B	20.0B	42.1B	30
31	27.9B		23.0B		765 B		186	174		90.5B		42.3B	31
TOTAL	968.9	725.5	724.2	710.3	6 881.9	14 534	8 658	5 833	5 211	3 494.8	1 373.0	1 018.2	TOTAL
MEAN	31.3	25.9	23.4	23.7	222	484	279	188	174	113	45.8	32.8	MEAN
MAX	35.5	27.8	24.3	25.6	770	740	422	205	195	162	88.1	42.3	MAX
MIN	27.9	24.4	23.0	23.0	26.0	393	186	174	152	81.4	20.0	20.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 137
MAXIMUM DAILY, 770B ON MAY 30
MINIMUM DAILY, 20.0B ON NOV 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 22 31 N
LONG 133 45 46 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83 700	JUL	748 000
FEB	62 700	AUG	504 000
MAR	62 600	SEP	450 000
APR	61 400	OCT	302 000
MAY	595 000	NOV	119 000
JUN	1 260 000	DEC	88 000

TOTAL DISCHARGE, 4 340 000 dam³

NORTHWEST TERRITORIES

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	11.619	14.838	12.980	11.713	11.789	11.569	11.090	10.526	1
2	---	---	---	---	11.641	14.557	12.911	11.708	12.019	11.544	11.082	10.528	2
3	---	---	---	---	11.665	14.333	12.815	11.851	11.966	11.533	11.075	10.550	3
4	---	---	---	---	11.690	14.110	12.707	11.904	11.933	11.504	11.079	10.618	4
5	---	---	---	---	11.735	13.932	12.599	11.852	11.795	11.523	11.128	10.666	5
6	---	---	---	---	11.801	13.762	12.519	11.800	11.741	11.478	11.165	10.717	6
7	---	---	---	---	11.876	13.579	12.438	11.778	11.710	11.409	11.151	10.763	7
8	---	---	---	---	11.947	13.434	12.470	11.778	11.726	11.344	11.099	10.786	8
9	---	---	---	---	12.007	13.356	12.465	11.783	11.771	11.299	11.051	10.815	9
10	---	---	---	---	12.065	13.304	12.390	11.827	11.724	11.216	11.000	10.850	10
11	---	---	---	11.513	12.124	13.281	12.400	11.826	11.637	11.077	10.943	10.881	11
12	---	---	---	11.512	12.241	13.281	12.371	11.807	11.589	11.006	10.905	10.914	12
13	---	---	---	11.521	12.405	13.233	12.325	11.781	11.562	11.194	10.899	10.955	13
14	---	---	---	11.527	12.561	13.207	12.292	11.766	11.558	11.248	10.904	10.985	14
15	---	---	---	11.532	12.709	13.145	12.256	11.753	11.597	11.227	10.908	11.002	15
16	---	---	---	11.540	12.824	13.085	12.208	11.745	11.721	11.215	10.893	11.018	16
17	---	---	---	11.541	12.922	12.967	12.168	11.748	11.666	11.183	10.850	11.032	17
18	---	---	---	11.548	13.058	12.890	12.108	11.738	11.575	11.186	10.802	11.051	18
19	---	---	---	11.555	13.223	12.862	12.055	11.709	11.527	11.174	10.759	11.073	19
20	---	---	---	11.557	13.408	12.841	12.015	11.701	11.505	11.133	10.723	11.093	20
21	---	---	---	11.562	13.587	12.837	12.000	11.671	11.519	11.224	10.690	11.125	21
22	---	---	---	11.570	13.767	12.876	12.063	11.648	11.585	11.311	10.647	11.163	22
23	---	---	---	11.572	13.971	12.891	12.110	11.661	11.627	11.383	10.594	11.158	23
24	---	---	---	11.576	14.185	12.949	12.091	11.665	11.679	11.388	10.557	11.155	24
25	---	---	---	11.574	14.377	12.914	12.053	11.708	11.679	11.381	10.537	11.158	25
26	---	---	---	11.573	14.548	12.912	11.963	11.675	11.662	11.385	10.522	11.167	26
27	---	---	---	11.584	14.797	12.973	11.889	11.661	11.675	11.395	10.520	11.175	27
28	---	---	---	11.584	14.953	12.957	11.830	11.690	11.681	11.349	10.523	11.183	28
29	---		---	11.588	15.273	12.978	11.773	11.707	11.665	11.264	10.526	11.208	29
30	---		---	11.600	15.261	12.996	11.736	11.709	11.620	11.177	10.526	11.239	30
31	---		---		15.144		11.715	11.642		11.120		11.261	31
MEAN	---	---	---	---	13.077	13.309	12.249	11.742	11.683	11.305	10.838	10.962	MEAN
MAX	---	---	---	---	15.273	14.838	12.980	11.904	12.019	11.569	11.165	11.261	MAX
MIN	---	---	---	---	11.619	12.837	11.715	11.642	11.505	11.006	10.520	10.526	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 15.273 ON MAY 29

MAXIMUM INSTANTANEOUS,
15.368 AT 16:42 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 22 33 N
LONG 133 45 46 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -10.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER (MIDDLE CHANNEL) AT TUNUNUK POINT - STATION NO. 10LC012

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	10.570E	10.086	10.418	9.974	9.648	---	1
2	---	---	---	---	---	---	10.550E	10.126	10.542	10.07	9.673	---	2
3	---	---	---	---	---	---	10.530E	10.372	10.519	10.05	9.664	---	3
4	---	---	---	---	---	11.777A	10.510E	10.312	10.348	10.09	9.780	---	4
5	---	---	---	---	---	---	10.486A	10.170	10.189	10.12	9.892	---	5
6	---	---	---	---	---	---	10.458	10.088	10.178	9.979	9.896	---	6
7	---	---	---	---	---	---	10.475	10.086	10.182	9.891	9.769	---	7
8	---	---	---	---	---	---	10.641	10.094	10.303	9.834	9.693	---	8
9	---	---	---	---	---	---	10.563	10.114	10.365	9.813	9.632	---	9
10	---	---	---	---	---	---	10.475	10.176	10.193	9.746	9.591	---	10
11	---	---	---	---	---	---	10.498	10.161	10.095	9.635	9.559	---	11
12	---	---	---	---	---	---	10.456	10.132	10.078	9.707	9.605	---	12
13	---	---	---	---	---	---	10.412	10.114	10.109	10.01	9.726	---	13
14	---	---	---	---	---	---	10.388	10.086	10.146	9.975	9.779	---	14
15	---	---	---	---	---	---	10.359	10.069	10.235	9.916	9.754	---	15
16	---	---	---	---	---	---	10.377	10.072	10.329	9.926	9.705	---	16
17	---	---	---	---	---	---	10.352	10.076	10.173	9.897	9.703	---	17
18	---	---	---	---	---	---	10.288	10.071	10.023	9.930	---	---	18
19	---	---	---	---	---	---	10.275	10.057	9.955	9.888	---	---	19
20	---	---	---	---	---	---	10.276	10.069	9.932	9.914	---	---	20
21	---	---	---	---	---	---	10.317	10.036	10.012	10.07	---	---	21
22	---	---	---	---	---	---	10.463	10.074	10.096	10.07	---	---	22
23	---	---	---	---	---	---	10.459	10.096	10.145	10.03	---	---	23
24	---	---	---	---	11.907A	---	10.428	10.070	10.272	9.951	---	---	24
25	---	---	---	---	11.995	---	10.347	10.108	10.181	9.888	---	---	25
26	---	---	---	---	12.068	---	10.204	10.036	10.190	9.803	---	---	26
27	---	---	---	---	12.162	---	10.164	10.113	10.176	9.704	---	---	27
28	---	---	---	---	12.236	---	10.126	10.165	10.175	9.638	---	---	28
29	---		---	---	12.468	---	10.068	10.229	10.105	9.586	---	---	29
30	---		---	---	12.665	---	10.062	10.165	10.018	9.588	---	---	30
31	---		---		---		10.052	10.098		9.632		---	31
MEAN	---	---	---	---	---	---	10.375	10.120	10.189	9.882	---	---	MEAN
MAX	---	---	---	---	---	---	10.641	10.372	10.542	10.12	---	---	MAX
MIN	---	---	---	---	---	---	10.052	10.036	9.932	9.586	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MINIMUM DAILY, 9.559 ON NOV 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 00 57 N
LONG 134 41 32 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -10.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

NORTHWEST TERRITORIES

MACKENZIE RIVER (REINDEER CHANNEL) AT ELLICE ISLAND - STATION NO. 10MC011

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	---	---	---	---	---	11.512	---	9.561	10.13	9.428	9.269	---	
2	---	---	---	---	---	11.520A	---	9.653	10.02	9.604	9.287	---	
3	---	---	---	---	---	11.290E	---	9.976	10.10	9.519	9.277	---	
4	---	---	---	---	---	10.981A	---	9.770	9.705	9.728	9.435	---	
5	---	---	---	---	---	---	---	9.577	9.651	9.571	9.523	---	
6	---	---	---	---	---	---	---	9.500	9.611	9.415	9.476	---	
7	---	---	---	---	---	---	---	9.475	9.712	9.347	9.355	---	
8	---	---	---	---	---	---	---	9.473	9.797	9.309	9.290	---	
9	---	---	---	---	---	---	---	9.525	9.894	9.298	---	---	
10	---	---	---	---	---	---	---	9.578	9.615	9.204	---	---	1
11	---	---	---	---	---	---	---	9.504	9.562	9.094	---	---	1
12	---	---	---	---	---	---	9.676A	9.479	9.531	9.329	---	---	1
13	---	---	---	---	---	---	9.691	9.443	9.624	9.653	---	---	1
14	---	---	---	---	---	---	9.663	9.392	9.659	9.501	---	---	1
15	---	---	---	---	---	---	9.687	9.360	9.830	9.464	---	---	1
16	---	---	---	---	---	---	9.745	9.386	9.818	9.470	---	---	1
17	---	---	---	---	---	---	9.681	9.420	9.574	9.440	---	---	1
18	---	---	---	---	---	---	9.616	9.418	9.396	9.473	---	---	1
19	---	---	---	---	---	---	9.643	9.396	9.358	9.441	---	---	1
20	---	---	---	---	---	---	9.668	9.432	9.342	9.535	---	---	2
21	---	---	---	---	---	---	9.753	9.428	9.506	9.671	---	---	2
22	---	---	---	---	---	---	10.01	9.544	9.536	9.576	---	---	2
23	---	---	---	---	---	---	9.898	9.500	9.654	9.511	---	---	2
24	---	---	---	---	10.958A	---	9.862	9.450	9.719	9.463	---	---	2
25	---	---	---	---	10.964	---	9.685	9.514	9.688	9.426	---	---	2
26	---	---	---	---	10.972	---	9.569	9.372	9.736	9.357	---	---	2
27	---	---	---	---	10.983	---	9.577	9.608	9.611	9.284	---	---	2
28	---	---	---	---	11.016	---	9.520	9.590	9.537	9.234	---	---	2
29	---		---	---	11.114	---	9.492	9.722	9.467	9.291	---	---	2
30	---		---	---	11.242	---	9.502	9.550	9.401	9.204	---	---	3
31	---		---		11.342		9.513	9.559		9.245		---	3
MEAN	---	---	---	---	---	---	---	9.521	9.660	9.419	---	---	MEA
MAX	---	---	---	---	---	---	---	9.976	10.13	9.728	---	---	MAX
MIN	---	---	---	---	---	---	---	9.360	9.342	9.094	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1990

MAXIMUM DAILY, 11.520A ON JUN 02
MINIMUM DAILY, 9.094 ON OCT 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 01 15 N
LONG 135 33 15 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY -10.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER ABOVE THE RAMPARTS - STATION NO. 10KD005

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	---	---	---	---	---	---	15.795	14.361	14.248	14.092	---	---	1
2	---	---	---	---	---	---	15.650	14.353	14.254	14.079	---	---	2
3	---	---	---	---	---	---	15.519	14.402	14.255	14.069	---	---	3
4	---	---	---	---	---	---	15.414	14.565	14.224	14.045	---	---	4
5	---	---	---	---	---	---	15.325	14.733	14.200	14.029	---	---	5
6	---	---	---	---	---	---	15.244	14.708	14.181	14.005	---	---	6
7	---	---	---	---	---	---	15.201	14.603	14.154	13.982	---	---	7
8	---	---	---	---	---	---	15.173	14.523	14.148	13.963	---	---	8
9	---	---	---	---	---	---	15.187	14.494	14.133	13.936	---	---	9
10	---	---	---	---	---	---	15.242	14.591	14.130	13.943	---	---	10
11	---	---	---	---	---	---	15.240	14.721	14.135	13.945	---	---	11
12	---	---	---	---	---	---	15.156	14.743	14.126	13.925	---	---	12
13	---	---	---	---	---	---	15.032	14.744	14.123	13.866	---	---	13
14	---	---	---	---	---	16.255	14.907	14.734	14.119	13.840	---	---	14
15	---	---	---	---	---	16.150	14.819	14.666	14.116	13.828	---	---	15
16	---	---	---	---	---	16.060	14.764	14.572	14.134	13.816	---	---	16
17	---	---	---	---	---	16.012	14.760	14.474	14.280	13.806	---	---	17
18	---	---	---	---	---	16.241	14.769	14.410	14.382	13.796	---	---	18
19	---	---	---	---	---	16.436	14.768	14.373	14.392	13.798	---	---	19
20	---	---	---	---	---	16.333	14.750	14.356	14.352	13.809	---	---	20
21	---	---	---	---	---	16.178	14.708	14.367	14.276	13.763	---	---	21
22	---	---	---	---	---	16.007	14.636	14.400	14.216	13.733	---	---	22
23	---	---	---	---	---	15.838	14.561	14.386	14.190	13.824	---	---	23
24	---	---	---	---	---	15.732	14.519	14.364	14.175	13.822	---	---	24
25	---	---	---	---	---	16.181	14.487	14.329	14.197	13.752	---	---	25
26	---	---	---	---	---	16.854	14.475	14.308	14.200	13.744	---	---	26
27	---	---	---	---	---	17.266	14.449	14.279	14.203	13.886	---	---	27
28	---	---	---	---	---	16.934	14.432	14.254	14.156	13.863	---	---	28
29	---		---	---	---	16.442	14.416	14.239	14.112	13.848	---	---	29
30	---		---	---	---	16.051	14.390	14.226	14.101	13.863	---	---	30
31	---		---		---		14.382	14.226		13.768		---	31
MEAN	---	---	---	---	---	---	14.909	14.468	14.197	13.885	---	---	MEAN
MAX	---	---	---	---	---	---	15.795	14.744	14.392	14.092	---	---	MAX
MIN	---	---	---	---	---	---	14.382	14.226	14.101	13.733	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 08 59 N
LONG 128 59 07 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER AT ARCTIC RED RIVER - STATION NO. 10LC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4 420B	3 980B	4 030B	3 630B	4 380B	20 900B	22 800	12 400	11 600	11 500	7 030B	2 280B	1
2	4 400B	3 990B	4 020B	3 620B	4 550B	21 200B	21 600	12 400	11 900	11 200	6 800B	2 340B	2
3	4 350B	3 990B	4 010B	3 620B	4 730B	21 100B	20 500	12 800	11 800	11 100	6 450B	2 420B	3
4	4 310B	4 000B	4 010B	3 610B	4 960B	21 000B	19 600	12 900	11 900	10 800	6 160B	2 510B	4
5	4 270B	4 000B	4 000B	3 610B	5 200B	21 100B	18 800	12 900	11 700	10 800	5 900B	2 670B	5
6	4 230B	4 010B	4 000B	3 610B	5 460B	21 400B	18 300	13 400	11 500	10 600	5 600B	2 840B	6
7	4 200B	4 020B	4 000B	3 600B	5 740B	21 900	17 800	14 200	11 500	10 400	5 270B	3 020B	7
8	4 180B	4 030B	3 990B	3 600B	6 210B	22 600	17 400	14 600	11 300	10 300	4 920B	3 270B	8
9	4 150B	4 040B	3 970B	3 600B	6 700B	23 600	17 300	14 200	11 300	10 000	4 530B	3 480B	9
10	4 100B	4 050B	3 950B	3 600B	7 200B	24 100	17 200	13 800	11 300	9 720	4 200B	3 620B	10
11	4 070B	4 050B	3 930B	3 600B	7 900B	24 400	17 200	13 700	11 100	9 420	3 900B	3 750B	11
12	4 040B	4 060B	3 910B	3 600B	9 000B	24 100	17 100	13 700	11 100	9 270	3 690B	3 860B	12
13	4 020B	4 060B	3 900B	3 600B	10 800B	23 700	17 000	14 000	11 000	9 300	3 520B	3 970B	13
14	4 010B	4 060B	3 890B	3 600B	12 500B	23 100	16 700	14 400	10 900	9 290	3 350B	4 020B	14
15	4 000B	4 070B	3 870B	3 600B	14 000B	22 600	16 300	14 500	10 900	9 120	3 270B	4 080B	15
16	3 980B	4 070B	3 860B	3 600B	16 000B	22 200	15 700	14 400	11 100	8 870	3 130B	4 130B	16
17	3 960B	4 080B	3 850B	3 600B	16 900B	21 900	15 200	14 100	11 100	8 620	3 020B	4 190B	17
18	3 950B	4 080B	3 830B	3 610B	17 800B	21 700	14 900	13 600	11 600	8 490	2 930B	4 220B	18
19	3 940B	4 090B	3 820B	3 620B	18 500B	21 900	14 600	13 200	12 000	8 360	2 820B	4 260B	19
20	3 930B	4 100B	3 800B	3 640B	18 900B	22 400	14 500	12 800	12 500	8 200B	2 720B	4 290B	20
21	3 930B	4 100B	3 790B	3 660B	19 300B	22 900	14 500	12 300	12 700	8 030B	2 620B	4 310B	21
22	3 930B	4 100B	3 770B	3 680B	19 500B	23 000	14 500	12 300	12 600	7 960B	2 520B	4 340B	22
23	3 930B	4 090B	3 760B	3 700B	19 700B	22 500	14 300	12 800	12 300	7 880B	2 440B	4 370B	23
24	3 930B	4 080B	3 740B	3 740B	19 700B	22 100	14 100	13 100	12 000	7 800B	2 390B	4 380B	24
25	3 930B	4 070B	3 720B	3 780B	19 600B	22 300	13 800	13 000	11 800	7 750B	2 330B	4 390B	25
26	3 930B	4 060B	3 710B	3 840B	19 500B	22 900	13 500	12 700	11 900	7 720B	2 290B	4 400B	26
27	3 930B	4 050B	3 700B	3 920B	19 400B	23 100	13 200	12 400	12 100	7 670B	2 260B	4 410B	27
28	3 940B	4 040B	3 690B	4 000B	19 300B	24 400	12 900	12 200	12 300	7 580B	2 240B	4 420B	28
29	3 950B		3 670B	4 100B	19 600B	24 800	12 700	12 100	12 200	7 500B	2 230B	4 430B	29
30	3 960B		3 650B	4 250B	20 000B	24 000	12 700	11 900	11 900	7 390B	2 250B	4 420B	30
31	3 970B		3 640B		20 500B		12 600	11 500		7 230B		4 410B	31
TOTAL	125 840	113 420	119 480	110 840	413 530	678 900	499 300	408 300	350 900	279 870	112 780	117 500	TOTAL
MEAN	4 060	4 050	3 850	3 690	13 300	22 600	16 100	13 200	11 700	9 030	3 760	3 790	MEAN
MAX	4 420	4 100	4 030	4 250	20 500	24 800	22 800	14 600	12 700	11 500	7 030	4 430	MAX
MIN	3 930	3 980	3 640	3 600	4 380	20 900	12 600	11 500	10 900	7 230	2 230	2 280	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 130
MAXIMUM DAILY, 24 800 ON JUN 29
MINIMUM DAILY, 2 230B ON NOV 29
MAXIMUM INSTANTANEOUS,
2 230B AT 12:00 MST ON NOV 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 27 30 N
LONG 133 44 41 W
DRAINAGE AREA, 1 660 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 900 000	JUL	43 100 000
FEB	9 800 000	AUG	35 300 000
MAR	10 300 000	SEP	30 300 000
APR	9 580 000	OCT	24 200 000
MAY	35 700 000	NOV	9 740 000
JUN	58 700 000	DEC	10 200 000

TOTAL DISCHARGE, 288 000 000 dam³

REMARKS - STATION PREVIOUSLY LOCATED AT 10LA003. STATION RELOCATED IN 1985

MACKENZIE RIVER AT CONFLUENCE EAST CHANNEL - STATION NO. 10LC015

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	3.415	3.266	3.193	---	---	1
2	---	---	---	---	---	---	---	3.407	3.436	3.138	---	---	2
3	---	---	---	---	---	---	---	3.533	3.397	3.108	---	---	3
4	---	---	---	---	---	---	---	3.592	3.404	3.059	---	---	4
5	---	---	---	---	---	---	---	3.560	3.305	3.044	---	---	5
6	---	---	---	---	---	---	---	3.560	3.261	2.998	---	---	6
7	---	---	---	---	---	---	---	3.642	3.235	2.923	---	---	7
8	---	---	---	---	---	---	---	3.694	3.234	2.860	---	---	8
9	---	---	---	---	---	---	---	3.673	3.260	2.809	---	---	9
10	---	---	---	---	---	---	4.284A	3.640	3.249	2.714	---	---	10
11	---	---	---	---	---	---	4.284	3.599	3.179	2.595	---	---	11
12	---	---	---	---	---	---	4.275	3.588	3.150	2.531	---	---	12
13	---	---	---	---	---	---	4.251	3.617	3.116	2.610	---	---	13
14	---	---	---	---	---	---	4.207	3.665	3.101	2.654	---	---	14
15	---	---	---	---	---	---	4.136	3.676	3.103	2.622	---	---	15
16	---	---	---	---	---	---	4.054	3.672	3.178	2.566	---	---	16
17	---	---	---	---	---	---	3.963	3.649	3.154	2.510	---	---	17
18	---	---	---	---	---	---	3.886	3.586	3.164	2.485	---	---	18
19	---	---	---	---	---	---	3.827	3.504	3.220	2.466	---	---	19
20	---	---	---	---	---	---	3.777	3.452	3.292	2.463	---	---	20
21	---	---	---	---	---	---	3.764	3.368	3.350	2.678	---	---	21
22	---	---	---	---	---	---	3.793	3.335	3.381	2.977	---	---	22
23	---	---	---	---	7.405A	---	3.793	3.425	3.364	3.242	---	---	23
24	---	---	---	---	---	---	3.760	3.500	3.327	3.502	---	---	24
25	---	---	---	---	---	---	3.708	3.520	3.289	3.765	---	---	25
26	---	---	---	---	---	---	3.616	3.459	3.287	4.161	---	---	26
27	---	---	---	---	---	---	3.544	3.383	3.344	3.913	---	---	27
28	---	---	---	---	---	---	3.494	3.365	3.386	3.645	---	---	28
29	---		---	---	---	---	3.456	3.341	3.367	3.388	---	---	29
30	---		---	---	---	---	3.443	3.323	3.284	3.249	---	---	30
31	---		---		---		3.440	3.244		3.222A		---	31
MEAN	---	---	---	---	---	---	---	3.516	3.269	3.003	---	---	MEAN
MAX	---	---	---	---	---	---	---	3.694	3.436	4.161	---	---	MAX
MIN	---	---	---	---	---	---	---	3.244	3.101	2.463	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 47 40 N
LONG 134 07 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.622	3.264	2.866	2.395	---	---	1
2	---	---	---	---	---	---	5.448	3.215	2.887	2.349	---	---	2
3	---	---	---	---	---	---	5.296	3.304	2.890	2.304	---	---	3
4	---	---	---	---	---	---	5.146	3.634	2.801	2.246	---	---	4
5	---	---	---	---	---	---	5.028	4.039	2.711	2.172	---	---	5
6	---	---	---	---	---	---	4.925	4.051	2.666	2.090	---	---	6
7	---	---	---	---	---	---	4.868	3.855	2.592	1.997	---	---	7
8	---	---	---	---	---	---	4.830	3.654	2.555	1.935	---	---	8
9	---	---	---	---	---	---	4.842	3.563	2.510	1.866	---	---	9
10	---	---	---	---	---	---	4.914	3.742	2.486	1.838	---	---	10
11	---	---	---	---	---	---	4.932	4.036	2.492	1.823	---	---	11
12	---	---	---	---	---	---	4.820	4.112	2.472	1.784	---	---	12
13	---	---	---	---	---	---	4.655	4.118	2.453	1.627	---	---	13
14	---	---	---	---	---	---	4.449	4.096	2.447	1.510	---	---	14
15	---	---	---	---	---	6.151	4.286	3.976	2.451	1.475	---	---	15
16	---	---	---	---	---	6.029	5.913	4.168	3.777	2.504	1.426	---	16
17	---	---	---	---	---	---	5.847	4.141	3.550	2.613	1.385	---	17
18	---	---	---	---	---	---	6.057	4.155	3.370	2.187	1.346	---	18
19	---	---	---	---	---	---	6.289	4.157	3.253	2.285	1.314	---	19
20	---	---	---	---	---	---	6.199	4.135	3.210	3.218	---	---	20
21	---	---	---	---	---	---	6.026	4.069	3.224	3.020	---	---	21
22	---	---	---	---	---	---	5.850	3.940	3.307	2.820	---	---	22
23	---	---	---	---	---	---	5.659	3.782	3.289	2.723	---	---	23
24	---	---	---	---	---	---	5.541	3.672	3.243	2.655	---	---	24
25	---	---	---	---	---	---	5.976	3.592	3.156	2.705	---	---	25
26	---	---	---	---	---	---	6.683	3.556	3.080	2.727	---	---	26
27	---	---	---	---	---	---	7.138	3.500	3.011	2.743	---	---	27
28	---	---	---	---	---	---	6.832	3.443	2.919	2.652	---	---	28
29	---		---	---	---	---	6.337	3.396	2.865	2.510	---	---	29
30	---		---	---	---	---	5.923	3.330	2.819	2.432	---	---	30
31	---		---		---			3.296	2.805		---		31
MEAN	---	---	---	---	---	---	4.335	3.469	2.709	---	---	---	MEAN
MAX	---	---	---	---	---	---	5.622	4.118	3.285	---	---	---	MAX
MIN	---	---	---	---	---	---	3.296	2.805	2.432	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 15 N
LONG 128 38 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 17.646 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 530B	3 370B	3 050B	3 280B	7 840B	13 700	13 900	10 200	8 670	7 490	5 510B	2 630B	1
2	3 500B	3 360B	3 060B	3 310B	8 730B	16 200	14 100	10 100	8 720	7 450	5 250B	2 710B	2
3	3 480B	3 340B	3 070B	3 340B	9 000B	18 100	14 200	10 100	8 580	7 450	5 070B	2 780B	3
4	3 510B	3 300B	3 060B	3 370B	9 600B	19 000	14 300	10 200	8 470	7 470	4 740B	2 800B	4
5	3 500B	3 270B	3 060B	3 420B	9 900B	19 700	14 700	10 100	8 400	7 490	4 520B	2 780B	5
6	3 470B	3 250B	3 070B	3 470B	10 200B	19 900	15 000	10 000	8 330	7 480	4 210B	2 790B	6
7	3 440B	3 230B	3 090B	3 510B	10 900B	19 600	14 800	9 980	8 310	7 430	3 840B	2 820B	7
8	3 420B	3 190B	3 090B	3 550B	11 400	18 500	14 300	10 200	8 300	7 320	3 490B	2 870B	8
9	3 400B	3 160B	3 100B	3 580B	12 100	17 600	13 800	11 500	8 320	7 230	3 190B	2 940B	9
10	3 390B	3 120B	3 110B	3 610B	12 700	17 200	13 400	11 700	8 390	7 050	2 880B	3 020B	10
11	3 370B	3 090B	3 100B	3 640B	12 200	17 000	13 100	11 400	8 440	6 910	2 320B	3 090B	11
12	3 360B	3 080B	3 090B	3 650B	15 200	16 700	12 800	10 900	8 370	6 900	1 780B	3 140B	12
13	3 350B	3 070B	3 090B	3 720B	15 800	16 400	12 700	10 500	8 270	6 920	1 540B	3 200B	13
14	3 320B	3 050B	3 090B	3 790B	15 900	15 900	12 500	10 300	8 310	6 960	1 650B	3 260B	14
15	3 310B	3 040B	3 100B	3 850B	12 600	15 600	12 700	10 000	8 340	7 020	1 760B	3 300B	15
16	3 300B	3 020B	3 110B	3 920B	12 300	15 400	12 800	9 800	8 270	9 970	2 010B	3 330B	16
17	3 300B	3 030B	3 130B	4 000B	12 000	15 100	12 500	9 700	8 180	6 840	2 100B	3 370B	17
18	3 300B	3 020B	3 140B	4 080B	11 900	15 000	12 200	9 580	8 090	6 730	2 220B	3 380B	18
19	3 310B	3 030B	3 130B	4 170B	11 900	14 900	11 800	9 460	8 010	6 620	2 310B	3 380B	19
20	3 300B	3 010B	3 120B	4 350B	12 000	14 800	11 600	9 420	7 960	6 460	2 340B	3 380B	20
21	3 310B	3 030B	3 130B	4 570B	12 100	14 400	11 600	9 280	7 890	6 370	2 370B	3 370B	21
22	3 330B	3 050B	3 110B	4 850B	12 200	14 000	11 600	9 270	7 850	6 270	2 400B	3 360B	22
23	3 340B	3 050B	3 110B	5 150B	12 300	13 600	11 400	9 180	7 800	6 210	2 440B	3 330B	23
24	3 330B	3 050B	3 110B	5 460B	12 600	13 300	11 200	9 240	7 680	6 220	2 470B	3 330B	24
25	3 320B	3 060B	3 110B	5 680B	12 900	13 200	11 000	9 260	7 560	6 260	2 500B	3 320B	25
26	3 330B	3 050B	3 120B	5 840B	13 000	13 400	10 900	9 240	7 630	6 230	2 540B	3 300B	26
27	3 320B	3 060B	3 130B	6 000B	13 000	13 700	10 800	9 160	7 630	6 130	2 560B	3 280B	27
28	3 310B	3 070B	3 140B	6 160B	12 800	13 900	10 700	9 050	7 600	6 130	2 600B	3 280B	28
29	3 300B		3 160B	6 500B	12 600	14 100	10 600	8 930	7 580	6 100B	2 610B	3 280B	29
30	3 320B		3 200B	7 040B	12 500	14 000	10 500	8 720	7 520	6 000B	2 620B	3 250B	30
31	3 350B		3 240B		12 800		10 300	8 630		5 850B		3 230B	31
TOTAL	104 420	87 450	96 420	130 860	363 970	473 900	387 800	305 100	243 470	209 990	87 840	97 300	TOTAL
MEAN	3 370	3 120	3 110	4 360	11 700	15 800	12 500	9 840	8 120	6 770	2 930	3 140	MEAN
MAX	3 530	3 370	3 240	7 040	13 000	19 900	15 000	11 700	8 720	7 490	5 510	3 380	MAX
MIN	3 300	3 010	3 050	3 280	7 840	13 200	10 300	8 630	7 520	5 850	1 540	2 630	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 090
MAXIMUM DAILY, 19 900 ON JUN 06
MINIMUM DAILY, 1 540B ON NOV 13
MAXIMUM INSTANTANEOUS, 20 000 AT 17:22 MST ON JUN 06

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 07 N
LONG 121 21 25 W
DRAINAGE AREA, 1 270 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 020 000	JUL	33 500 000
FEB	7 560 000	AUG	26 400 000
MAR	8 330 000	SEP	21 000 000
APR	11 300 000	OCT	18 100 000
MAY	31 400 000	NOV	7 590 000
JUN	40 900 000	DEC	8 410 000

TOTAL DISCHARGE, 224 000 000 dam³

NORTHWEST TERRITORIES

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4 270B	3 900B	3 830B	3 550B	5 600B	16 400	17 300	12 300	11 600	10 000	6 570B	3 010B	1
2	4 230B	3 910B	3 790B	3 570B	5 860B	16 700	17 000	12 500	11 500	10 000	6 300B	3 200B	2
3	4 210B	3 920B	3 780B	3 590B	6 180B	16 700	16 700	13 600	11 200	9 890	6 080B	3 350B	3
4	4 190B	3 930B	3 770B	3 610B	6 700B	17 100	16 400	14 700	11 100	9 810	5 800B	3 490B	4
5	4 170B	3 940B	3 750B	3 640B	7 100B	18 900	16 200	14 300	11 000	9 680	5 500B	3 620B	5
6	4 130B	3 960B	3 740B	3 670B	7 700B	20 800	16 200	13 500	10 900	9 580	5 180B	3 730B	6
7	4 100B	3 980B	3 720B	3 700B	8 600B	22 000	16 200	13 100	10 800	9 500	4 880B	3 860B	7
8	4 070B	3 990B	3 670B	3 720B	9 600B	22 300	16 400	12 900	10 700	9 400	4 530B	3 990B	8
9	4 030B	4 000B	3 650B	3 740B	11 000B	22 300	16 600	13 600	10 600	9 380	4 160B	4 030B	9
10	4 000B	4 010B	3 640B	3 770B	12 300B	21 700	16 500	14 400	10 600	9 340	3 860B	4 160B	10
11	3 990B	4 010B	3 630B	3 820B	14 200B	20 900	16 200	14 400	10 500	9 120	3 550B	4 230B	11
12	3 970B	4 010B	3 620B	3 840B	15 500B	20 300	15 600	14 400	10 500	8 810	3 250B	4 330B	12
13	3 950B	4 020B	3 610B	3 870B	16 600B	19 800	15 100	14 400	10 500	8 770	2 990B	4 400B	13
14	3 930B	4 020B	3 590B	3 930B	17 200B	19 600	14 700	13 900	10 600	8 730	2 720B	4 460B	14
15	3 920B	4 020B	3 570B	3 960B	17 500B	19 300	14 400	13 300	10 600	8 670	2 450B	4 520B	15
16	3 910B	4 010B	3 540B	3 980B	17 300B	18 800	14 500	12 800	11 000	8 650	2 220B	4 580B	16
17	3 910B	4 010B	3 520B	4 000B	16 600B	19 600	14 600	12 500	11 400	8 630	1 970B	4 610B	17
18	3 900B	4 000B	3 510B	4 030B	15 200B	20 500	14 600	12 200	11 700	8 590	1 780B	4 650B	18
19	3 900B	4 000B	3 490B	4 080B	14 500B	19 700	14 600	12 000	11 500	8 510	1 710B	4 680B	19
20	3 900B	3 990B	3 480B	4 140B	14 000	19 000	14 300	12 200	11 100	8 420	1 690B	4 730B	20
21	3 890B	3 970B	3 490B	4 200B	13 500	18 300	13 900	12 200	10 800	8 350	1 680B	4 750B	21
22	3 890B	3 950B	3 480B	4 270B	13 400	17 900	13 600	12 000	10 600	8 220B	1 680B	4 760B	22
23	3 890B	3 940B	3 480B	4 350B	13 400	17 500	13 300	11 900	10 400	8 100B	1 690B	4 760B	23
24	3 890B	3 920B	3 500B	4 430B	13 600	17 200	13 200	11 800	10 400	8 000B	1 740B	4 760B	24
25	3 880B	3 910B	3 490B	4 550B	13 800	18 400	13 100	11 700	10 400	7 800B	1 910B	4 750B	25
26	3 880B	3 900B	3 500B	4 740B	14 200	21 200	13 000	11 500	10 600	7 630B	2 090B	4 740B	26
27	3 880B	3 870B	3 500B	4 830B	15 000	20 500	12 900	11 400	10 300	7 460B	2 310B	4 720B	27
28	3 880B	3 870B	3 500B	5 000B	15 600	18 900	12 700	11 400	10 100	7 300B	2 500B	4 710B	28
29	3 880B		3 510B	5 180B	16 000	17 800	12 500	11 300	10 100	7 100B	2 680B	4 710B	29
30	3 880B		3 520B	5 380B	16 100	17 400	12 500	11 200	10 000	6 970B	2 870B	4 700B	30
31	3 890B		3 530B		16 200		12 400	11 400		6 770B		4 700B	31
TOTAL	123 410	110 960	111 400	123 140	400 040	577 500	457 200	394 800	323 100	267 180	98 340	133 690	TOTAL
MEAN	3 980	3 960	3 590	4 100	12 900	19 300	14 700	12 700	10 800	8 620	3 280	4 310	MEAN
MAX	4 270	4 020	3 830	5 380	17 500	22 300	17 300	14 700	11 700	10 000	6 570	4 760	MAX
MIN	3 880	3 870	3 480	3 550	5 600	16 400	12 400	11 200	10 000	6 770	1 680	3 010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8 550
MAXIMUM DAILY, 22 300 ON JUN 08
MINIMUM DAILY, 1 680B ON NOV 21
MAXIMUM INSTANTANEOUS,
22 400 AT 10:30 MST ON JUN 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 16 21 N
LONG 126 53 00 W
DRAINAGE AREA, 1 570 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 700 000	JUL	39 500 000
FEB	9 590 000	AUG	34 100 000
MAR	9 620 000	SEP	27 900 000
APR	10 600 000	OCT	23 100 000
MAY	34 600 000	NOV	8 500 000
JUN	49 900 000	DEC	11 600 000

TOTAL DISCHARGE, 270 000 000 dam³

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO. 10KD001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	6.289	4.908	4.697	4.338	---	---	1
2	---	---	---	---	---	---	6.223	4.904	4.693	4.320	---	---	2
3	---	---	---	---	---	---	6.130	5.040	4.664	4.293	---	---	3
4	---	---	---	---	---	---	6.056	5.360	4.584	4.252	---	---	4
5	---	---	---	---	---	---	5.983	5.503	4.547	4.212	---	---	5
6	---	---	---	---	---	---	5.939	5.381	4.520	4.159	---	---	6
7	---	---	---	---	---	---	5.924	5.217	4.479	4.122	---	---	7
8	---	---	---	---	---	---	5.922	5.127	4.460	4.089	---	---	8
9	---	---	---	---	---	---	5.962	5.157	4.440	4.050	---	---	9
10	---	---	---	---	---	---	6.013	5.373	4.441	4.060	---	---	10
11	---	---	---	---	---	---	5.972	5.503	4.437	4.041	---	---	11
12	---	---	---	---	---	---	5.871	5.491	4.418	4.002	---	---	12
13	---	---	---	---	---	---	5.737	5.500	4.407	3.893	---	---	13
14	---	---	---	---	---	---	5.621	5.453	4.414	3.850	---	---	14
15	---	---	---	---	---	6.724	5.522	5.334	4.424	3.834	---	---	15
16	---	---	---	---	---	6.653	5.474	5.175	4.514	3.807	---	---	16
17	---	---	---	---	---	6.585	5.495	5.034	4.806	3.790	---	---	17
18	---	---	---	---	---	6.617	5.501	4.946	4.900	3.774	---	---	18
19	---	---	---	---	---	6.878	5.499	4.885	4.893	3.757	---	---	19
20	---	---	---	---	---	6.883	5.468	4.877	4.790	3.714	---	---	20
21	---	---	---	---	---	6.742	5.399	4.928	4.651	---	---	---	21
22	---	---	---	---	---	6.601	5.299	4.935	4.564	---	---	---	22
23	---	---	---	---	---	6.455	5.205	4.880	4.518	---	---	---	23
24	---	---	---	---	---	6.345	5.155	4.830	4.517	---	---	---	24
25	---	---	---	---	---	6.347	5.127	4.779	4.552	---	---	---	25
26	---	---	---	---	---	6.778	7.254	5.107	4.736	4.553	---	---	26
27	---	---	---	---	---	7.315	5.062	4.696	4.536	---	---	---	27
28	---	---	---	---	---	6.924	5.037	4.651	4.439	---	---	---	28
29	---		---	---	---	6.604	4.995	4.626	4.369	---	---	---	29
30	---		---	---	---	6.391	4.950	4.607	4.361	---	---	---	30
31	---		---		---		4.949	4.627		---		---	31
MEAN	---	---	---	---	---	---	5.577	5.047	4.553	---	---	---	MEAN
MAX	---	---	---	---	---	---	6.289	5.503	4.900	---	---	---	MAX
MIN	---	---	---	---	---	---	4.949	4.607	4.361	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 45 54 N
LONG 128 45 03 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 23.430 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

REMARKS - OBTAINED FROM HIGH WATER MARK

NORTHWEST TERRITORIES

MACKENZIE RIVER IN THE RAMPARTS - STATION NO. 10KD006

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.320	---	---	---	---	---	6.622	4.111	3.725	2.960	---	---	1
2	3.307	---	---	---	---	---	6.440	4.077	3.749	2.915	---	---	2
3	3.297	---	---	---	---	---	6.290A	4.180	3.749	2.876	---	---	3
4	3.250	---	---	---	---	---	6.200E	4.557	3.648	2.813	---	---	4
5	3.224	---	---	---	---	---	6.080E	4.969	3.560	2.734	---	---	5
6	3.188	---	---	---	---	---	5.990E	4.953	3.505	2.654	---	---	6
7	3.154	---	---	---	---	---	5.900E	4.730	3.437	2.560	---	---	7
8	3.124	---	---	---	---	---	5.860E	4.536	3.397	2.492	---	---	8
9	3.106	---	---	---	---	---	5.870E	4.455	3.359	2.414	---	---	9
10	3.091	---	---	---	---	---	5.970E	4.668	3.337	2.399	---	---	10
11	3.080	---	---	---	---	---	5.940E	4.962	3.341	2.400	---	---	11
12	3.068	---	---	---	---	---	5.780E	5.028	3.320	2.349	---	---	12
13	3.044	---	---	---	---	7.172A	5.650E	5.033	3.300	2.182	---	---	13
14	3.012	---	---	---	---	7.110	5.520E	5.014	3.291	---	---	---	14
15	2.986	---	---	---	---	7.012	5.370E	4.895	3.293	---	---	---	15
16	---	---	---	---	---	6.912	5.250E	4.683	3.345	---	---	---	16
17	---	---	---	---	---	6.857	5.210E	4.444	3.709	---	---	---	17
18	---	---	---	---	---	7.091	5.210E	4.259	4.087	---	---	---	18
19	---	---	---	---	---	7.315	5.210E	4.142	4.168	---	---	---	19
20	---	---	---	---	---	7.210	5.200E	4.090	3.992A	---	---	---	20
21	---	---	---	---	---	7.043	5.100E	4.109	3.870E	---	---	---	21
22	---	---	---	---	---	6.861	4.950E	4.192	3.550E	---	---	---	22
23	---	---	---	---	---	6.674	4.720E	4.167	3.250E	---	---	---	23
24	---	---	---	---	---	6.548	4.570E	4.121	3.220E	---	---	---	24
25	---	---	---	---	---	7.028	4.480E	4.024	3.260E	---	---	---	25
26	---	---	---	---	---	7.738	4.400E	3.955	3.277A	---	---	---	26
27	---	---	---	---	---	8.172	4.317A	3.868	3.301	---	---	---	27
28	---	---	---	---	---	7.841	4.274	3.777	3.216	---	---	---	28
29	---		---	---	---	7.333	4.237	3.722	3.070	---	---	---	29
30	---		---	---	---	6.914	4.169	3.674	3.001	---	---	---	30
31	---		---		---		4.155	3.665		---		---	31
MEAN	---	---	---	---	---	---	5.320	4.357	3.477	---	---	---	MEAN
MAX	---	---	---	---	---	---	6.622	5.033	4.168	---	---	---	MAX
MIN	---	---	---	---	---	---	4.155	3.665	3.001	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 11 35 N
LONG 128 54 04 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.524	4.258	4.250	3.682	4.721A	2.596	3.443	3.192	2.972	2.777	2.357	---	1
2	4.534	4.261	4.238	3.662	---	2.694	3.461	3.165	2.920	2.832	2.285	---	2
3	4.536	4.297	4.241	3.623	---	2.837	3.467	3.239	2.936	2.861	---	---	3
4	4.544	4.315	4.234	3.614	---	2.994	3.452	3.235	2.946	2.834	---	---	4
5	4.561	4.321	4.215	3.607	---	3.087	3.442	3.217	2.972	2.782	---	---	5
6	4.581	4.331	4.178	3.555	---	3.116	3.433	3.267	2.928	2.751	---	---	6
7	4.612	4.335	4.132	3.491	---	3.157	3.433	3.222	2.829	2.735	---	---	7
8	4.638	4.345	4.098	3.474	---	3.090	3.442	3.255	2.888	2.706	---	---	8
9	4.667	4.324	4.074	3.467	---	3.086	3.452	3.241	2.879	2.602	---	---	9
10	4.639	4.323	4.071	3.475	---	3.110	3.437	3.235	2.898	2.628	---	---	10
11	4.667	4.342	4.072	3.489	---	3.154	3.393	3.201	2.920	2.746	---	---	11
12	4.706	4.331	4.080	3.489	---	3.210	3.367	3.159	2.920	2.837	---	---	12
13	4.741	4.349	4.088	3.489	---	3.289	3.358	3.129	2.882	2.854	---	---	13
14	4.787	4.356	4.060	3.480	---	3.328	3.365	3.128	2.864	2.784	---	---	14
15	4.823	4.316	4.019	3.455	---	3.352	3.383	3.139	2.848	2.713	---	---	15
16	4.835	4.295	3.973	3.460	3.169A	3.345	3.378	3.158	2.780	2.699	---	---	16
17	4.860	4.345	3.939	3.500	3.155	3.352	3.368	3.141	2.642	2.701	---	---	17
18	4.860	4.364	3.915	3.594	3.163	3.344	3.374	3.084	2.766	2.718	---	---	18
19	4.886	4.372	3.890	3.697	3.163	3.338	3.341	3.073	2.851	2.701	---	---	19
20	4.921	4.372	3.883	3.786	3.169	3.358	3.342	3.019	2.858	2.622	---	---	20
21	4.929	4.352	3.888	3.876	3.179	3.398	3.321	3.012	2.838	2.659	---	---	21
22	4.926	4.350	3.907	3.957	3.183	3.424	3.305	3.031	2.803	2.687	---	---	22
23	4.903	4.350	3.907	3.990	3.182	3.448	3.300	3.166	2.792	2.677	---	---	23
24	4.903	4.342	3.885	4.031	3.151	3.441	3.287	3.131	2.715	2.687	---	---	24
25	4.902	4.364	3.867	4.051	3.092	3.455	3.293	3.019	2.681	2.589	---	---	25
26	4.883	4.342	3.890	3.957	3.009	3.458	3.272	3.010	2.729	2.463	---	---	26
27	4.777	4.334	3.894	3.860	2.734	3.458	3.273	3.051	2.778	2.550	---	---	27
28	4.563	4.286	3.864	3.887	2.284	3.446	3.265	3.033	2.798	2.657	---	---	28
29	4.431		3.812	3.987	2.162	3.437	3.262	3.014	2.699	2.432	---	---	29
30	4.344		3.754	4.299	2.219	3.441	3.262	2.965	2.712	2.486	---	---	30
31	4.285		3.708		2.493		3.253	2.973		2.427		---	31
MEAN	4.702	4.331	4.001	3.699	---	3.241	3.359	3.126	2.835	2.684	---	---	MEAN
MAX	4.929	4.372	4.250	4.299	---	3.458	3.467	3.267	2.972	2.861	---	---	MAX
MIN	4.285	4.258	3.708	3.455	---	2.596	3.253	2.965	2.642	2.427	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 04 N
LONG 117 29 48 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968
DRAINAGE AREA,
971 000 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 148.806 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HC001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	8.965	7.552	6.815	6.182	---	---	1
2	---	---	---	---	---	---	8.928	8.050	6.780	6.171	---	---	2
3	---	---	---	---	---	---	8.919	8.238	6.759	6.154	---	---	3
4	---	---	---	---	---	---	8.946	7.973	6.739	6.131	---	---	4
5	---	---	---	---	---	---	8.952	7.837	6.662	6.101	---	---	5
6	---	---	---	---	---	---	9.015	7.696	6.617	6.085	---	---	6
7	---	---	---	---	---	---	9.139	7.589	6.615	---	---	---	7
8	---	---	---	---	---	---	9.167	7.912	6.579	---	---	---	8
9	---	---	---	---	---	---	9.075	8.172	6.574	---	---	---	9
10	---	---	---	---	---	---	8.850	8.214	6.526	---	---	---	10
11	---	---	---	---	---	---	8.666	8.337	6.537	---	---	---	11
12	---	---	---	---	---	---	8.502	8.212	6.567	---	---	---	12
13	---	---	---	---	---	---	8.381	8.004	6.595	---	---	---	13
14	---	---	---	---	---	---	8.342	7.789	6.586	---	---	---	14
15	---	---	---	---	---	9.735A	8.433	7.596	6.596	---	---	---	15
16	---	---	---	---	---	9.590	8.425	7.436	6.683	---	---	---	16
17	---	---	---	---	---	9.548	8.464	7.331	6.654	---	---	---	17
18	---	---	---	---	---	9.531	8.412	7.285	6.586	---	---	---	18
19	---	---	---	---	---	9.448	8.277	7.290	6.504	---	---	---	19
20	---	---	---	---	---	9.390	8.120	7.234	6.429	---	---	---	20
21	---	---	---	---	---	9.320	7.977	7.153	6.402	---	---	---	21
22	---	---	---	---	---	9.209	7.904	7.079	6.391	---	---	---	22
23	---	---	---	---	---	9.035	7.882	7.043	6.345	---	---	---	23
24	---	---	---	---	---	8.864	7.847	7.026	6.320	---	---	---	24
25	---	---	---	---	---	8.800	7.810	7.001	6.288	---	---	---	25
26	---	---	---	---	---	8.887	7.731	6.983	6.247	---	---	---	26
27	---	---	---	---	---	8.906	7.643	6.961	6.198	---	---	---	27
28	---	---	---	---	---	8.876	7.569	6.933	6.161	---	---	---	28
29	---		---	---	---	8.906	7.545	6.912	6.168	---	---	---	29
30	---		---	---	---	8.951	7.514	6.895	6.186	---	---	---	30
31	---		---		---		7.467	6.892		---		---	31
MEAN	---	---	---	---	---	---	8.351	7.504	6.504	---	---	---	MEAN
MAX	---	---	---	---	---	---	9.167	8.337	6.815	---	---	---	MAX
MIN	---	---	---	---	---	---	7.467	6.892	6.161	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 15 58 N
LONG 123 35 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 82.017 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1981 ADJ.)

MARJORIE LAKE AT OUTLET - STATION NO. 06KC002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	13.763E	13.650	14.212E	14.106	14.059	14.015	13.856	14.216	1
2	---	---	---	---	13.753E	13.663	14.220E	14.101	14.066	14.021	13.857	14.236	2
3	---	---	---	---	13.743A	13.683	14.227A	14.087	14.030	14.030	13.855	14.207	3
4	---	---	---	---	13.740	13.724	14.208	14.078	14.047	14.001	13.852	14.134	4
5	---	---	---	---	13.726	13.759	14.221	14.067	14.051	13.989	13.852	14.117	5
6	---	---	---	---	13.720	13.777	14.216	14.075	14.052	13.987	13.855	14.156	6
7	---	13.995A	---	---	13.711	13.798A	14.206	14.073	14.030	13.996	13.860	14.163	7
8	---	---	---	---	13.710	13.822E	14.202	14.065	14.022	13.996	13.839	14.145	8
9	---	---	---	---	13.700	13.850E	14.191	14.057	14.052	14.007	13.815	14.120	9
10	---	---	---	---	13.691	13.876E	14.186	14.067	14.036	13.958	13.829	14.111	10
11	---	---	---	---	13.689	13.902E	14.176	14.067	14.041	13.949	13.823	14.108	11
12	---	---	---	---	13.679	13.929E	14.164	14.068	14.059	13.979	13.926	14.096	12
13	---	---	---	---	13.675	13.956E	14.158	14.051	14.065	13.989	14.017	14.084	13
14	---	---	---	---	13.667	13.983E	14.153	14.043	14.048	13.952	13.999	14.061	14
15	---	---	---	---	13.659	14.018A	14.147	14.038	14.043	13.958	14.021	14.039	15
16	---	---	---	---	13.656	14.024	14.136	14.050	14.041	13.963	14.005	14.033	16
17	---	---	---	---	13.648	14.040	14.140	14.068	14.052	13.956	13.975	14.028	17
18	---	---	---	---	13.645	14.053E	14.132	14.070	14.042	13.950	13.978	14.018	18
19	---	---	---	---	13.642	14.069E	14.125	14.053	14.031	13.942	14.013	14.005	19
20	---	---	---	---	13.632	14.084E	14.119	14.056	14.039	13.923	14.003	13.998	20
21	---	---	---	---	13.618	14.100E	14.114	14.048	14.045	13.908	13.995	14.012	21
22	---	---	---	---	13.623	14.116E	14.110	14.062	14.030	13.898	13.978	14.004	22
23	---	---	---	---	13.624	14.131E	14.098	14.062	14.037	13.889	13.962	13.971	23
24	---	---	---	---	13.620	14.147E	14.096	14.054	14.071	13.883	14.034	14.017	24
25	---	---	---	---	13.621	14.162E	14.100	14.044	14.051	13.877	14.066	14.050	25
26	---	---	---	---	13.633	14.172A	14.108	14.050	14.022	13.885	14.081	14.059	26
27	---	---	---	---	13.631	14.184A	14.103	14.052	14.024	13.886	14.150	14.037	27
28	---	---	---	---	13.632	14.191E	14.094	14.055	14.025	13.904	14.229	14.040	28
29	---		---	---	13.629	14.199E	14.076	14.032	14.027	13.923	14.231	14.057	29
30	---		---	---	13.641	14.205E	14.098	14.054	14.012	13.942	14.214	14.061	30
31	---		---		13.640		14.092	14.047		13.873		14.045	31
MEAN	---	---	---	---	13.670	13.976	14.149	14.061	14.042	13.949	13.972	14.078	MEAN
MAX	---	---	---	---	13.763	14.205	14.227	14.106	14.071	14.030	14.231	14.236	MAX
MIN	---	---	---	---	13.618	13.650	14.076	14.032	14.012	13.873	13.815	13.971	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 14.236 ON DEC 02
MINIMUM DAILY, 13.618 ON MAY 21
MAXIMUM INSTANTANEOUS,
14.244 AT 13:43 CST ON NOV 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 52 N
LONG 099 28 37 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

NORTHWEST TERRITORIES

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 07QC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.91B	2.02B	1.81B	1.66B	---	---	8.78E	7.55	7.34	8.26	6.47B	5.32B	1
2	2.90B	2.00B	1.79B	1.70B	---	---	8.82E	7.51	7.38	8.08	6.44B	5.17B	2
3	2.88B	1.97B	1.75B	1.70B	---	---	8.87A	7.47	7.48	7.97	6.36B	5.15B	3
4	2.87B	1.97B	1.77B	1.71B	---	---	8.95	7.39	7.51	7.96	6.27B	5.23B	4
5	2.86B	1.99B	1.77B	1.72B	---	---	9.07	7.25	7.53	7.88	6.18B	5.26B	5
6	2.84B	2.01B	1.78B	1.73B	---	---	9.47	7.04	7.52	7.73	6.06B	5.24B	6
7	2.78B	2.01B	1.79B	1.73B	---	---	9.91	6.85	7.75	7.56	5.97B	5.25B	7
8	2.78B	1.99B	1.80B	1.73B	---	---	10.1	6.81	7.97	7.37	6.01B	5.29B	8
9	2.78B	1.98B	1.80B	1.73B	---	---	10.1	6.55	7.96	7.60	5.93B	5.26B	9
10	2.76B	1.99B	1.81B	1.74B	---	---	10.1	6.45	7.96	7.61	5.87B	5.25B	10
11	2.74B	2.00B	1.82B	1.74B	---	---	10.1	6.31	7.95	7.39	5.80B	5.23B	11
12	2.71B	1.98B	1.82B	1.70B	---	---	10.0	6.23	7.94	7.12	5.78B	5.20B	12
13	2.69B	1.96B	1.83B	1.72B	---	---	9.88	6.22	7.93	7.07	5.74B	5.16B	13
14	2.64B	1.97B	1.84B	1.72B	---	---	9.80	6.15	7.93	7.07	5.72B	5.09B	14
15	2.55B	1.88B	1.85B	1.73B	---	---	9.81	5.98	7.91	7.09	5.70B	5.09B	15
16	2.60B	1.83B	1.85B	1.70B	---	---	9.81	5.77	7.92	7.10	5.78B	5.06B	16
17	2.60B	1.80B	1.83B	1.69B	---	---	9.80	5.57	7.98	7.02	5.86B	4.96B	17
18	2.55B	1.77B	1.77B	1.69B	---	---	9.74	5.37	8.18	6.88	5.83B	4.78B	18
19	2.47B	1.78B	1.77B	1.70B	---	---	9.68	5.32	8.18	6.86	5.60B	4.76B	19
20	2.33B	1.78B	1.71B	1.66B	---	---	9.67	5.36	8.20	6.97	5.57B	4.74B	20
21	2.38B	1.79B	1.65B	1.67B	---	---	9.65	5.25	8.19	6.93	5.58B	4.65B	21
22	2.40B	1.80B	1.63B	1.80B	---	---	9.51	5.06	8.21	6.87	5.74B	4.53B	22
23	2.41B	1.81B	1.60B	2.15B	---	---	9.37	5.07	8.20	6.87	5.76B	4.44B	23
24	2.40B	1.80B	1.60B	2.67B	---	---	9.10	5.66	8.20	6.77	5.75B	4.40B	24
25	2.40B	1.76B	1.60B	3.05B	---	---	8.80	5.96	8.22	6.77	5.73B	4.30B	25
26	2.39B	1.73B	1.56B	3.50B	---	---	8.58	6.06	8.23	6.83B	5.71B	4.18B	26
27	2.38B	1.74B	1.54B	4.00B	---	---	8.50	6.27	8.23	6.60B	5.67B	4.08B	27
28	2.36B	1.77B	1.55B	4.40B	---	---	8.26	6.52	8.24	6.13B	5.50B	3.97B	28
29	2.26B		1.56B	4.75B	---	---	8.03	6.82	8.25	6.75B	5.42B	3.84B	29
30	2.15B		1.58B	5.00B	---	---	7.95	7.19	8.29	6.59B	5.41B	3.72B	30
31	2.05B		1.62B		---		7.78	7.31		6.49B		3.64B	31
TOTAL	79.82	52.90	53.45	67.19	---	---	287.99	196.33	238.78	222.19	175.21	148.14	TOTAL
MEAN	2.57	1.89	1.72	2.24	---	---	9.29	6.33	7.96	7.17	5.84	4.78	MEAN
MAX	2.91	2.02	1.85	5.00	---	---	10.1	7.55	8.29	8.26	6.47	5.32	MAX
MIN	2.05	1.73	1.54	1.66	---	---	7.78	5.06	7.34	6.13	5.41	3.64	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 1.54B ON MAR 27

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 14 N
LONG 108 58 43 W
DRAINAGE AREA, 738 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 900	JUL	24 900
FEB	4 570	AUG	17 000
MAR	4 620	SEP	20 600
APR	5 810	OCT	19 200
MAY	---	NOV	15 100
JUN	---	DEC	12 800

MARTIN RIVER AT HIGHWAY NO. 1 - STATION NO. 10GC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.372B	0.147B	0.266B	0.253B	8.38	11.6	5.21	5.24	6.87	6.94	2.24 B	0.890B	1
2	0.369B	0.140B	0.263B	0.241B	9.86	11.3	4.84	11.4	6.74	6.62	2.18 B	0.870B	2
3	0.359B	0.155B	0.259B	0.229B	12.7	10.7	4.37	20.9	6.61	6.35	2.10 B	0.840B	3
4	0.351B	0.169B	0.256B	0.251B	15.9	9.71	3.86	25.9	6.33	6.17	2.08 B	0.810B	4
5	0.349B	0.183B	0.252B	0.371B	22.5	10.2	3.49	22.3	6.07	5.89	2.07 B	0.780B	5
6	0.340B	0.183B	0.248B	0.420B	30.6	12.4	3.15	16.5	6.02	5.50	1.92 B	0.750B	6
7	0.342B	0.183B	0.244B	0.460B	35.4	14.3	2.81	19.1	6.07	5.05	1.84 B	0.720B	7
8	0.341B	0.184B	0.240B	0.475B	35.8	16.3	2.58	29.2	6.07	4.81	1.84 B	0.690B	8
9	0.323B	0.184B	0.287B	0.485B	34.4	17.1	2.36	33.3	6.19	4.67	1.78 B	0.670B	9
10	0.320B	0.185B	0.234B	0.470B	32.1	15.7	2.18	29.7	6.90	4.49	1.70 B	0.650B	10
11	0.296B	0.185B	0.228B	0.440B	28.5	13.7	1.99	23.0	8.67	4.41	1.62 B	0.640B	11
12	0.283B	0.186B	0.227B	0.400B	26.0	11.6	1.85	18.2	10.5	4.08	1.57 B	0.630B	12
13	0.279B	0.188B	0.231B	0.346B	23.8	9.97	2.50	14.0	11.7	3.93	1.58 B	0.620B	13
14	0.277B	0.191B	0.235B	0.355B	22.4	8.54	10.7	11.2	12.9	3.81	1.56 B	0.610B	14
15	0.268B	0.195B	0.236B	0.370B	20.8	7.61	23.9	9.43	14.4	3.75	1.50 B	0.600B	15
16	0.256B	0.199B	0.233B	0.425B	19.4	6.93	23.5	8.19	14.0	3.39B	1.46 B	0.590B	16
17	0.251B	0.206B	0.236B	0.524B	17.8	6.50	20.9	7.29	12.4	3.32B	1.42 B	0.580B	17
18	0.251B	0.212B	0.239B	0.949B	16.7	6.35	17.4	6.62	10.7	3.39B	1.37 B	0.570B	18
19	0.241B	0.227B	0.241B	1.06 B	15.7	6.62	13.5	6.29	9.35	3.29B	1.33 B	0.560B	19
20	0.247B	0.247B	0.245B	1.15 B	14.4	7.03	10.4	6.05	8.50	3.45B	1.28 B	0.550B	20
21	0.242B	0.266B	0.225B	1.23 B	13.4	7.40	8.13	5.54	7.93	3.30B	1.24 B	0.540B	21
22	0.236B	0.270B	0.216B	1.37 B	12.9	6.82	6.77	6.72	7.47	3.15B	1.20 B	0.530B	22
23	0.228B	0.274B	0.208B	1.44 B	13.3	6.39	6.42	11.3	7.05	3.00B	1.16 B	0.520B	23
24	0.225B	0.278B	0.226B	1.61 B	12.7	6.19	6.23	15.1	6.69	2.85B	1.12 B	0.510B	24
25	0.221B	0.280B	0.221B	1.86 B	14.4	5.83	5.53	14.1	6.26	2.76B	1.08 B	0.500B	25
26	0.222B	0.276B	0.213B	2.98 B	14.3	5.77	4.85	12.0	6.29	2.67B	1.04 B	0.500B	26
27	0.212B	0.273B	0.196B	3.67 B	13.0	5.81	4.37	10.4	6.83	2.54B	1.01 B	0.490B	27
28	0.185B	0.270B	0.201B	4.27 B	12.1	5.95	4.05	9.17	7.45	2.50B	0.980B	0.480B	28
29	0.169B		0.226B	5.11 B	12.1	5.81	3.70	8.58	7.44	2.44B	0.950B	0.470B	29
30	0.160B		0.260B	6.86 B	12.1	5.52	3.33	8.03	7.25	2.37B	0.920B	0.460B	30
31	0.149B		0.258B		11.8		3.14	7.26		2.30B		0.460B	31
TOTAL	8.364	5.936	7.352	40.074	585.24	275.65	218.01	432.01	247.65	123.19	45.140	19.080	TOTAL
MEAN	0.270	0.212	0.237	1.34	18.9	9.19	7.03	13.9	8.26	3.97	1.50	0.616	MEAN
MAX	0.372	0.280	0.287	6.86	35.8	17.1	23.9	33.3	14.4	6.94	2.24	0.890	MAX
MIN	0.149	0.140	0.198	0.229	8.38	5.52	1.85	5.24	6.02	2.30	0.920	0.460	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.50
MAXIMUM DAILY, 35.8 ON MAY 08
MINIMUM DAILY, 0.140B ON FEB 02
MAXIMUM INSTANTANEOUS,
36.7 AT 11:33 MST ON MAY 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 53 50 N
LONG 121 36 27 W
DRAINAGE AREA, 2 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	723	JUL	18 800
FEB	513	AUG	37 300
MAR	635	SEP	21 400
APR	3 460	OCT	10 600
MAY	50 600	NOV	3 900
JUN	23 800	DEC	1 650

TOTAL DISCHARGE, 173 000 dam³

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH"

NORTHWEST TERRITORIES

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.7B	15.1B	13.2B	12.6B	16.7B	785	252	189	174	208	49.4B	28.8B	1
2	18.6B	15.0B	13.1B	12.6B	17.3B	504	239	192	174	197	48.0B	28.4B	2
3	18.4B	15.0B	13.1B	12.6B	18.0B	376	234	170	169	187	47.0B	28.0B	3
4	18.3B	14.9B	13.0B	12.6B	19.0B	376	226	164	163	175	45.8B	27.7B	4
5	18.2B	14.8B	13.0B	12.6B	20.2B	476	215	172	157	157	44.8B	27.3B	5
6	18.0B	14.7B	12.9B	12.6B	21.9B	296	205	193	155	142	43.8B	27.0B	6
7	17.9B	14.7B	12.9B	12.7B	23.7B	202	203	179	162	133	42.8B	26.7B	7
8	17.8B	14.6B	12.8B	12.7B	26.8B	161	208	181	172	125 B	42.0B	26.4B	8
9	17.7B	14.5B	12.8B	12.7B	30.5B	152	207	180	165	118 B	41.1B	26.1B	9
10	17.5B	14.4B	12.8B	12.7B	38.0B	174	193	169	157	113 B	40.2B	25.9B	10
11	17.4B	14.3B	12.7B	12.8B	49.0B	183	183	161	153	107 B	39.5B	25.5B	11
12	17.2B	14.2B	12.7B	12.8B	67.0B	274	176	167	147	101 B	38.8B	25.2B	12
13	17.1B	14.2B	12.7B	12.8B	85.0B	278	156	185	143	97.0B	38.0B	25.0B	13
14	17.0B	14.1B	12.7B	12.9B	96.0E	269	146	171	140	93.0B	37.3B	24.8B	14
15	16.9B	14.0B	12.7B	13.0B	86.0	323	144	162	142	89.0B	36.7B	24.6B	15
16	16.8B	13.9B	12.6B	13.1B	108	513	141	156	293	85.0B	36.0B	24.3B	16
17	16.7B	13.9B	12.6B	13.2B	135	579	143	164	292	82.0B	35.4B	24.1B	17
18	16.6B	13.8B	12.6B	13.3B	128	519	140	192	248	78.5B	34.9B	23.9B	18
19	16.5B	13.8B	12.6B	13.4B	117	486	135	216	225	75.5B	34.2B	23.7B	19
20	16.4B	13.7B	12.6B	13.5B	107	429	136	215	211	73.0B	33.7B	23.5B	20
21	16.2B	13.6B	12.5B	13.6B	108	358	138	277	204	70.0B	33.2B	23.3B	21
22	16.1B	13.6B	12.5B	13.8B	169	325	145	285	231	67.5B	32.8B	23.1B	22
23	16.0B	13.5B	12.5B	13.9B	226	308	142	253	296	65.2B	32.2B	23.0B	23
24	15.9B	13.5B	12.5B	14.1B	178	1 320	137	224	456	63.2B	31.8B	22.8B	24
25	15.8B	13.4B	12.5B	14.3B	161	1 240	132	204	370	61.0B	31.3B	22.7B	25
26	15.7B	13.4B	12.5B	14.5B	241	590	130	188	309	59.2B	30.9B	22.5B	26
27	15.6B	13.3B	12.5B	14.9B	414	387	151	179	267	57.0B	30.5B	22.3B	27
28	15.5B	13.3B	12.5B	15.2B	628	371	172	175	242	55.5B	30.1B	22.1B	28
29	15.4B		12.5B	15.7B	779	337	159	185	240	53.8B	29.7B	22.0B	29
30	15.3B		12.5B	16.1B	981	277	151	185	222	52.2B	29.3B	21.9B	30
31	15.2B		12.5B		924		154	180		50.8B		21.7B	31
TOTAL	522.4	395.2	393.6	403.4	6 019.1	12 868	5 293	5 913	6 481	3 091.4	1 121.2	764.3	TOTAL
MEAN	16.9	14.1	12.7	13.4	194	429	171	191	216	99.7	37.4	24.7	MEAN
MAX	18.7	15.1	13.2	16.1	981	1 320	252	285	458	208	49.4	28.8	MAX
MIN	15.2	13.3	12.5	12.6	16.7	152	130	156	140	50.8	29.3	21.7	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 119
MAXIMUM DAILY, 1 320 ON JUN 24
MINIMUM DAILY, 12.5B ON MAR 21
MAXIMUM INSTANTANEOUS
1 780 AT 21:11 MST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 13 38 N
LONG 128 34 00 W
DRAINAGE AREA, 11 100 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	45 100	JUL	457 000
FEB	34 100	AUG	511 000
MAR	34 000	SEP	560 000
APR	34 900	OCT	267 000
MAY	520 000	NOV	96 900
JUN	1 110 000	DEC	66 000

TOTAL DISCHARGE, 3 740 000 dam³

NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 07QD002

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.160E	6.114E	6.049	5.986	5.892	5.988	6.210	6.258	6.292E	6.331E	---	---	1
2	6.159E	6.112E	6.048	5.989	5.891	6.001	6.214	6.264	6.290E	6.330E	---	---	2
3	6.157E	6.110E	6.052	5.986	5.890	6.010	6.216	6.264	6.288E	6.326E	---	---	3
4	6.156E	6.109E	6.055	5.980	5.891	6.018	6.220	6.267	6.285E	6.332E	---	---	4
5	6.154E	6.108E	6.056	5.979	5.891	6.022	6.220	6.269	6.282A	6.320E	---	---	5
6	6.153E	6.106E	6.052	5.976	5.890	6.027	6.226	6.273	6.277	6.319E	---	---	6
7	6.151E	6.105E	6.047	5.967	5.889	6.037	6.230	6.265	6.281	6.320E	---	---	7
8	6.150E	6.103E	6.043	5.963	5.888	6.053	6.231	6.265	6.279	6.326E	---	---	8
9	6.148E	6.102E	6.040	5.960	5.885	6.065	6.232	6.263	6.276	6.334	---	---	9
10	6.147E	6.100A	6.035	5.956	5.883	6.074	6.233	6.264	6.281	6.345	---	---	10
11	6.145E	6.101	6.030	5.954	5.884	6.082	6.230	6.261	6.285	---	---	---	11
12	6.144E	6.099	6.028	5.949	5.885	6.087	6.229	6.261	6.292	---	---	---	12
13	6.142E	6.096	6.032	5.948	5.887	6.087	6.236	6.262	6.295	---	---	---	13
14	6.141E	6.090	6.032	5.948	5.888	6.098	6.236	6.254	6.295	---	---	---	14
15	6.139E	6.090	6.032	5.942	5.886	6.110	6.245	6.252	6.305	---	---	---	15
16	6.138E	6.089	6.023	5.938	5.891	6.121	6.244	6.250	6.308	---	---	---	16
17	6.136E	6.087	6.014	5.940	5.891	6.130	6.238	6.248	6.306	---	---	---	17
18	6.135E	6.078	6.019	5.935	5.890	6.138	6.240	6.241	6.314	---	---	---	18
19	6.133E	6.081	6.013	5.932	5.888	6.141	6.241	6.246	6.316	---	---	---	19
20	6.132E	6.084	6.007	5.931	5.891	6.146	6.241	6.234	6.314	---	---	---	20
21	6.130E	6.076	6.006	5.929	5.894	6.153	6.237	6.241	6.318	---	---	---	21
22	6.129E	6.071	6.004	5.928	5.900	6.160	6.235	6.252	6.320E	---	---	---	22
23	6.127E	6.065	6.004	5.922	5.905	6.171	6.238	6.259	6.322E	---	---	---	23
24	6.126E	6.065	6.000	5.917	5.917	6.175	6.230	6.253	6.324E	---	---	---	24
25	6.124E	6.063	5.981	5.912	5.927	6.182	6.238	6.252	6.328E	---	---	---	25
26	6.123E	6.052	5.987	5.910	5.939	6.186	6.242	6.266	6.330E	---	---	---	26
27	6.121E	6.058	5.986	5.909	5.951	6.189	6.249	6.269	6.332E	---	---	---	27
28	6.120E	6.067	5.989	5.904	5.961	6.199	6.246	6.278	6.334E	---	---	---	28
29	6.118E		5.989	5.903	5.974	6.205	6.245	6.282E	6.334E	---	---	---	29
30	6.117E		5.987	5.895	5.984	6.211	6.249	6.286E	6.332E	---	---	---	30
31	6.115E		5.983		5.986		6.251	6.290E		---		---	31
MEAN	6.138	6.089	6.020	5.943	5.907	6.109	6.235	6.261	6.305	---	---	---	MEAN
MAX	6.160	6.114	6.056	5.989	5.986	6.211	6.251	6.290	6.334	---	---	---	MAX
MIN	6.115	6.052	5.981	5.895	5.883	5.988	6.210	6.234	6.276	---	---	---	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MINIMUM DAILY, 5.883 ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 43 50 N
LONG 109 40 15 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

NORTHWEST TERRITORIES

NUELTIN LAKE NEAR SMITH BAY - STATION NO. 06HA001

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	273.564	273.406E	273.270E	273.126E	272.991E	273.056E	273.350	273.431	273.362	273.276	273.229	273.192	1
2	273.567	273.401E	273.267E	273.121E	272.990E	273.076E	273.349	273.428	273.359	273.277	273.236	273.190	2
3	273.551	273.397E	273.261E	273.117E	272.987E	273.100E	273.350	273.425	273.348	273.257	273.225	273.180	3
4	273.552	273.392E	273.257E	273.112E	272.989E	273.128E	273.355	273.429	273.350	273.264	273.221	273.186	4
5	273.543	273.387E	273.251E	273.108E	272.989E	273.155E	273.359	273.432	273.346	273.262	273.222	273.185	5
6	273.533	273.383E	273.247E	273.102E	272.981E	273.172E	273.362	273.437	273.342	273.259	273.221	273.177	6
7	273.531	273.378E	273.242E	273.098E	272.972E	273.186E	273.359	273.434	273.341	273.262	273.222	273.172	7
8	273.517	273.373E	273.239E	273.094E	272.970E	273.195E	273.362	273.430	273.325	273.259	273.222	273.165	8
9	273.526	273.369E	273.233E	273.089E	272.970E	273.209E	273.367	273.420	273.334	273.261	273.218	273.177	9
10	273.527	273.364E	273.229E	273.084E	272.967E	273.223E	273.368	273.417	273.327	273.261	273.217	273.173	10
11	273.524	273.360E	273.224E	273.079E	272.961E	273.239E	273.370	273.421	273.316	273.244	273.201	273.174	11
12	273.516	273.354E	273.219E	273.075E	272.954E	273.243E	273.372	273.419	273.320	273.244	273.206	273.173	12
13	273.503	273.349E	273.215E	273.070E	272.946E	273.257A	273.377	273.410	273.317	273.246	273.210	273.173	13
14	273.495	273.346E	273.210E	273.065E	272.946E	273.267	273.385	273.397	273.318	273.237	273.217	273.165	14
15	273.493	273.341E	273.205E	273.061E	272.946E	273.274	273.391	273.388	273.313	273.239	273.215	273.164	15
16	273.498	273.336E	273.200E	273.055E	272.945E	273.278	273.393	273.373	273.314	273.251	273.214	273.154	16
17	273.488	273.332E	273.196E	273.051E	272.942E	273.278	273.393	273.388	273.313	273.250	273.210	273.145	17
18	273.478	273.326E	273.191E	273.046E	272.941E	273.282	273.396	273.387	273.297	273.250	273.209	273.155	18
19	273.469	273.322E	273.187E	273.041A	272.941E	273.295	273.394	273.383	273.302	273.247	273.203	273.156	19
20	273.459	273.318E	273.183E	273.045E	272.937E	273.298	273.394	273.382	273.306	273.250	273.197	273.139	20
21	273.462	273.313E	273.178E	273.043E	272.933E	273.304	273.395	273.383	273.303	273.237	273.191	273.137	21
22	273.462	273.308E	273.173E	273.025E	272.932E	273.312	273.398	273.379	273.292	273.238	273.201	273.137	22
23	273.453	273.302E	273.168E	273.017E	272.934E	273.324	273.399	273.381	273.298	273.243	273.209	273.136	23
24	273.452	273.297E	273.163E	273.007E	272.934E	273.326	273.395	273.388	273.298	273.250	273.212	273.136	24
25	273.442	273.294E	273.158E	273.010E	272.934E	273.323	273.399	273.375	273.298	273.248	273.211	273.135	25
26	273.435A	273.289E	273.153E	273.004E	272.937E	273.328	273.399	273.374	273.297	273.240	273.208	273.135	26
27	273.429E	273.285E	273.149E	273.008E	272.945E	273.331	273.403	273.376	273.297	273.198	273.196	273.135	27
28	273.425E	273.280E	273.145E	273.009E	272.960E	273.335	273.412	273.374	273.295	273.229	273.192	273.135	28
29	273.420E		273.140E	273.002E	272.980E	273.342	273.404	273.373	273.284	273.231	273.189	273.135	29
30	273.415E		273.135E	272.999E	273.008E	273.344	273.414	273.372	273.288	273.230	273.192	273.136	30
31	273.411E		273.130E		273.031E		273.421	273.360		273.233		273.136	31
MEAN	273.488	273.343	273.201	273.059	272.961	273.249	273.383	273.399	273.317	273.248	273.211	273.158	MEAN
MAX	273.567	273.406	273.270	273.126	273.031	273.344	273.421	273.437	273.362	273.277	273.236	273.192	MAX
MIN	273.411	273.280	273.130	272.999	272.932	273.056	273.349	273.360	273.284	273.198	273.189	273.135	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 273.251
MAXIMUM DAILY, 273.567 ON JAN 02
MINIMUM DAILY, 272.932E ON MAY 22
MAXIMUM INSTANTANEOUS,
273.571 AT 23:13 CST ON JAN 01

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 26 40 N
LONG 099 39 50 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116B	109B	101 B	98.0B	106B	4 670	1 420	1 140	905	1 300	364B	176B	1
2	115B	108B	101 B	98.1B	107B	4 170	1 250	1 710	888	1 170	362B	169B	2
3	115B	108B	101 B	98.1B	107B	3 790	1 130	1 790	864	1 080	360B	162B	3
4	115B	108B	100 B	98.2B	108B	3 360	1 030	1 690	853	989	357B	157B	4
5	114B	108B	100 B	98.2B	109B	2 970	943	1 460	848	911	354B	153B	5
6	114B	107B	100 B	98.3B	110B	2 700	885	1 300	841	847	348B	149B	6
7	114B	107B	99.8B	98.3B	111B	2 520	837	1 300	857	784	317B	147B	7
8	114B	107B	99.7B	98.4B	112B	2 260	799	1 290	959	723	321B	145B	8
9	114B	106B	99.6B	98.5B	113B	2 040	762	1 200	1 220	680	295B	143B	9
10	114B	106B	99.4B	98.6B	115B	1 870	737	1 140	1 380	652	270B	142B	10
11	113B	106B	99.2B	98.8B	118B	1 830	735	1 070	1 320	634	242B	140B	11
12	113B	106B	99.0B	99.0B	121B	1 800	734	1 000	1 190	606	220B	139B	12
13	113B	105B	98.8B	99.2B	125B	1 690	706	938	1 080	567	209B	138B	13
14	113B	105B	98.7B	99.4B	130B	1 570	682	893	1 010	525	198B	137B	14
15	113B	105B	98.6B	99.6B	136B	1 490	668	847	994	508B	190B	136B	15
16	113B	104B	98.5B	99.8B	147B	1 480	645	796	962	490B	184B	135B	16
17	113B	104B	98.4B	99.9B	167B	1 690	621	748	999	472B	180B	134B	17
18	113B	104B	98.3B	100 B	177B	2 290	602	709	1 350	457B	180B	134B	18
19	113B	103B	98.2B	100 B	220B	2 440	578	680	1 360	445B	184B	133B	19
20	112B	103B	98.2B	101 B	420B	2 320	549	677	1 230	434B	188B	133B	20
21	112B	103B	98.1B	101 B	800B	2 360	527	754	1 120	422B	192B	132B	21
22	112B	103B	98.1B	102 B	1 650B	2 270	509	1 270	1 040	412B	196B	132B	22
23	112B	102B	98.0B	102 B	2 500B	1 990	492	1 880	999	402B	198B	131B	23
24	111B	102B	98.0B	103 B	3 280B	1 800	482	1 900	1 020	395B	200B	131B	24
25	111B	102B	98.0B	103 B	3 900B	2 520	478	1 670	1 190	388B	201B	131B	25
26	111B	102B	98.0B	104 B	4 450B	4 320	498	1 420	1 760	383B	200B	131B	26
27	110B	102B	98.0B	104 B	5 090	3 440	556	1 220	1 920	378B	198B	130B	27
28	110B	101B	98.0B	105 B	5 580	2 570	625	1 100	1 810	373B	194B	130B	28
29	110B		98.0B	105 B	5 780	1 990	872	1 020	1 620	370B	189B	130B	29
30	110B		98.0B	106 B	5 530	1 640	1 030	967	1 450	368B	183B	130B	30
31	109B		98.0B		5 090		957	928		366B		130B	31
TOTAL	3 492	2 936	3 065.6	3 014.4	46 509	73 850	23 339	36 507	35 039	18 531	7 294	4 340	TOTAL
MEAN	113	105	98.9	100	1 500	2 460	753	1 180	1 170	598	243	140	MEAN
MAX	116	109	101	106	5 780	4 670	1 420	1 900	1 920	1 300	364	176	MAX
MIN	109	101	98.0	98.0	106	1 480	478	677	841	366	180	130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 707
MAXIMUM DAILY, 5 780 ON MAY 29
MINIMUM DAILY, 98.0B ON MAR 23
MAXIMUM INSTANTANEOUS,
5 850 AT 10:30 MST ON MAY 29

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 14 10 N
LONG 134 54 28 W
DRAINAGE AREA, 70 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	302 000	JUL	2 020 000
FEB	254 000	AUG	3 150 000
MAR	265 000	SEP	3 030 000
APR	260 000	OCT	1 600 000
MAY	4 020 000	NOV	630 000
JUN	6 380 000	DEC	375 000

TOTAL DISCHARGE, 22 300 000 dam³

PORTER LAKE OUTFLOW - STATION NO. 07QD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.71B	7.02B	5.80B	4.88B	4.46E	8.03	11.9	10.7	9.02E	10.6	10.8B	10.0 B	1
2	8.69B	6.99B	5.74B	4.86B	4.44E	8.09	11.8	10.9	9.06E	10.5	10.8B	9.98B	2
3	8.62B	6.96B	5.68B	4.84B	4.42E	8.26	11.9	11.1	9.10E	10.3	10.8B	9.96B	3
4	8.57B	6.93B	5.63B	4.82B	4.40E	8.48	11.9	11.1	9.15E	10.1	10.8B	9.93B	4
5	8.59B	6.90B	5.59B	4.80B	4.39E	8.69	12.0	11.1	9.20E	10.2	10.8B	9.90B	5
6	8.67B	6.87B	5.50B	4.79B	4.38E	9.00	12.0	10.9	9.26E	10.3	10.8B	9.84B	6
7	8.34B	6.84B	5.40B	4.72B	4.37E	9.15	11.7	10.9	9.33E	10.3	10.7B	9.78B	7
8	8.34B	6.81B	5.33B	4.76B	4.37E	9.51	11.6	10.3	9.40E	10.4	10.9B	9.72B	8
9	8.25B	6.78B	5.36B	4.74B	4.36E	9.76	11.7	10.5	9.50E	10.6	10.9B	9.66B	9
10	8.18B	6.75B	5.35B	4.73B	4.36E	10.0	11.6	10.5	9.60E	10.3	10.8B	9.60B	10
11	8.26B	6.73B	5.35B	4.71B	4.35E	10.0	11.7	10.4	9.75E	10.2	10.8B	9.54B	11
12	8.06B	6.69B	5.31B	4.70B	4.35E	10.2	11.7	10.4	9.90A	10.3	10.7B	9.47B	12
13	7.93B	6.63B	5.27B	4.68B	4.34E	10.3	11.3	10.2	10.1	10.2	10.7B	9.40B	13
14	7.91B	6.57B	5.23B	4.67B	4.33E	10.5	11.6	10.1	10.2	10.2	10.6B	9.34B	14
15	7.93B	6.50B	5.20B	4.66B	4.32A	10.6	11.3	9.87	10.4	10.2	10.5B	9.27B	15
16	7.91B	6.44B	5.18B	4.64B	4.25	10.8	11.1	9.72	10.3	10.1	10.5B	9.20B	16
17	7.78B	6.38B	5.16B	4.63B	4.26	10.8	11.3	9.58	10.4	10.2	10.4B	9.15B	17
18	7.43B	6.32B	5.14B	4.61B	4.35	10.9	11.2	9.60	10.4	10.2A	10.4B	9.10B	18
19	8.11B	6.26B	5.12B	4.60B	4.41	11.1	11.6	9.51	10.4	10.2E	10.3B	9.05B	19
20	7.73B	6.20B	5.10B	4.59B	4.43	11.1	11.6	9.58	10.4	11.0B	10.3B	9.00B	20
21	7.69B	6.15B	5.08B	4.57B	4.54	11.1	11.7	9.41	10.5	11.0B	10.3B	8.94B	21
22	7.67B	6.10B	5.06B	4.56B	5.15	11.2	11.6	8.82A	10.7	11.1B	10.2B	8.88B	22
23	7.60B	6.05B	5.04B	4.55B	6.37	11.3	11.4	8.70E	10.6	11.0B	10.2B	8.82B	23
24	7.53B	6.00B	5.02B	4.53B	7.03	11.2	11.4	8.70E	10.6	11.2B	10.2B	8.76B	24
25	7.53B	5.96B	5.00B	4.52B	7.17	11.2	11.3	8.74E	10.7	11.4B	10.2B	8.70B	25
26	7.37B	5.93B	4.98B	4.51B	7.15	11.2	11.3	8.80E	10.5	11.2B	10.2B	8.65B	26
27	7.14B	5.90B	4.96B	4.50B	7.09	11.4	10.9	8.82E	10.7	10.9B	10.1B	8.60B	27
28	7.15B	5.87B	4.95B	4.49B	7.23	11.7	10.9	8.88E	11.0	10.7B	10.1B	8.55B	28
29	7.19B		4.93B	4.48B	7.44	12.1	11.0	8.94E	11.1	10.6B	10.1B	8.50B	29
30	7.12B		4.91B	4.47B	7.69	12.2	11.0	8.98E	10.7	10.6B	10.1B	8.45B	30
31	7.05B		4.90B		7.84		10.9	9.00E		10.7B		8.40B	31
TOTAL	245.05	181.53	162.27	139.61	162.00	309.67	355.9	304.75	301.97	326.8	315.0	286.14	TOTAL
MEAN	7.90	6.48	5.23	4.65	5.23	10.3	11.5	9.83	10.1	10.5	10.5	9.23	MEAN
MAX	8.71	7.02	5.80	4.88	7.84	12.2	12.0	11.1	11.1	11.4	10.9	10.0	MAX
MIN	7.05	5.87	4.90	4.47	4.25	8.03	10.9	8.70	9.02	10.1	10.1	8.40	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.47
MAXIMUM DAILY, 12.2 ON JUN 30
MINIMUM DAILY, 4.25 ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 48 57 N
LONG 107 52 11 W
DRAINAGE AREA, 2 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 200	JUL	30 700
FEB	15 700	AUG	26 300
MAR	14 000	SEP	26 100
APR	12 100	OCT	28 200
MAY	14 000	NOV	27 200
JUN	26 800	DEC	24 700

TOTAL DISCHARGE, 267 000 dam³

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.695B	0.579B	0.741B	0.639B	1.82B	50.0 E	6.49	20.1	8.29	1.83	2.35B	1.01 B	1
2	0.690B	0.577B	0.712B	0.571B	2.19B	41.0 E	5.76	20.7	7.73	1.78	2.32B	0.990B	2
3	0.685B	0.575B	0.701B	0.515B	2.81B	33.0 E	5.48	18.9	7.66	1.60	2.27B	0.980B	3
4	0.682B	0.574B	0.684B	0.502B	4.44	26.0 E	4.66	16.9	7.90	1.49	2.23B	0.965B	4
5	0.680B	0.573B	0.704B	0.526B	6.63	17.0 E	4.05	15.3	7.32	1.35	2.17B	0.950B	5
6	0.678B	0.580B	0.707B	0.600B	4.99	10.0 E	3.96	15.8	7.12	1.05	2.13B	0.940B	6
7	0.674B	0.600B	0.661B	0.572B	3.15	11.0 E	4.39	33.9	7.66	1.03B	2.08B	0.925B	7
8	0.670B	0.580B	0.548B	0.590B	3.48	12.0 E	3.80	28.5	7.32	1.20B	2.04B	0.910B	8
9	0.666B	0.565B	0.499B	0.588B	3.93	9.46	3.76	23.7	7.09	1.40B	1.99B	0.900B	9
10	0.662B	0.550B	0.464B	0.719B	2.91	9.90	3.29	20.3	6.79	1.63B	1.95B	0.890B	10
11	0.658B	0.540B	0.461B	0.730B	3.23	9.24	3.19	17.9	6.55	1.68B	1.90B	0.875B	11
12	0.655B	0.533B	0.476B	0.676B	4.36	8.69	3.14	16.5	6.40	1.70B	1.85B	0.860B	12
13	0.650B	0.514B	0.490B	0.664B	6.08	7.84	23.6	14.6	5.93	1.72B	1.80B	0.850B	13
14	0.646B	0.526B	0.500B	0.680B	7.25	7.86	20.8	13.2	5.42	1.73B	1.77B	0.835B	14
15	0.642B	0.499B	0.495B	0.735B	8.42	7.87	15.0	12.6	5.09	1.75B	1.72B	0.825B	15
16	0.639B	0.520B	0.490B	0.794B	9.87	7.58	13.5	12.4	4.86	1.72B	1.67B	0.810B	16
17	0.635B	0.510B	0.480B	0.800B	11.8	7.25	12.6	11.2	4.36	1.70B	1.62B	0.800B	17
18	0.631B	0.520B	0.475B	0.826B	10.4	7.40	11.1	11.0	4.12	1.50B	1.57B	0.785B	18
19	0.628B	0.515B	0.470B	0.898B	7.67	6.87	10.6	10.8	4.59	1.40B	1.52B	0.770B	19
20	0.623B	0.519B	0.448B	0.960B	8.48	6.09	11.1	10.1	3.85	1.30B	1.48B	0.760B	20
21	0.620B	0.537B	0.417B	1.10 B	12.1	5.50	10.0	9.53	3.51	1.15B	1.43B	0.750B	21
22	0.616B	0.519B	0.440B	1.30 B	18.5	5.09	9.42	9.95	3.34	1.05B	1.38B	0.735B	22
23	0.612B	0.541B	0.491B	1.50 B	20.4	6.76	12.8	9.76	3.18	1.25B	1.33B	0.720B	23
24	0.609B	0.721B	0.564B	1.35 B	17.0	6.96	12.9	9.50	2.87	1.45B	1.28B	0.710B	24
25	0.605B	0.880B	0.573B	1.27 B	14.4	7.78	12.0	8.97	2.56	1.65B	1.24B	0.700B	25
26	0.602B	0.860B	0.625B	1.41 B	17.3	7.42	10.7	8.63	2.32	1.90B	1.18B	0.685B	26
27	0.600B	0.840B	0.630B	1.63 B	27.4	6.56	10.0	8.34	2.18	2.10B	1.13B	0.670B	27
28	0.595B	0.800B	0.710B	1.41 B	34.0 E	6.46	9.13	8.76	2.19	2.30B	1.10B	0.660B	28
29	0.590B		0.800B	1.67 B	43.0 E	7.60	8.34	8.50	2.26	2.51B	1.07B	0.645B	29
30	0.586B		0.740B	1.83 B	51.0 E	7.14	7.73	8.26	1.98	2.45B	1.03B	0.635B	30
31	0.582B		0.693B		60.0 E		8.37	7.97		2.40B		0.620B	31
TOTAL	19.806	16.647	17.889	28.055	429.01	363.32	281.66	442.57	152.44	50.77	50.60	25.160	TOTAL
MEAN	0.639	0.595	0.577	0.935	13.8	12.1	9.09	14.3	5.08	1.64	1.69	0.812	MEAN
MAX	0.695	0.880	0.800	1.83	60.0	50.0	23.6	33.9	8.29	2.51	2.35	1.01	MAX
MIN	0.582	0.499	0.417	0.502	1.82	5.09	3.14	7.97	1.98	1.03	1.03	0.620	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.15
MAXIMUM DAILY, 60.0E ON MAY 31
MINIMUM DAILY, 0.417B ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 30 N
LONG 124 46 45 W
DRAINAGE AREA, 495 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 710	JUL	24 300
FEB	1 440	AUG	36 200
MAR	1 550	SEP	13 200
APR	2 420	OCT	4 390
MAY	37 100	NOV	4 370
JUN	31 400	DEC	2 170

TOTAL DISCHARGE, 162 000 dam³

NORTHWEST TERRITORIES

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 06MA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0.200B	63.6A	54.5	26.3E	25.4 E	2.40 B	0.370B	1
2	0B	0B	0B	0B	0B	1.40 B	63.6	50.9	26.0E	24.0 E	2.30 B	0.320B	2
3	0B	0B	0B	0B	0B	1.95 B	62.4	48.2	25.5E	23.0 E	2.23 B	0.270B	3
4	0B	0B	0B	0B	0B	7.50 B	62.0	46.2	25.2E	20.0 E	2.12 B	0.230B	4
5	0B	0B	0B	0B	0B	30.0 B	61.8	46.1	24.8E	18.5 E	2.05 B	0.200B	5
6	0B	0B	0B	0B	0B	59.0 B	60.8	44.7	24.2E	17.0 E	1.95 B	0.180B	6
7	0B	0B	0B	0B	0B	60.0 B	59.5	43.4	23.8E	15.0 E	1.90 B	0.150B	7
8	0B	0B	0B	0B	0B	56.0 B	57.3	42.8	23.4E	13.5 E	1.78 B	0.130B	8
9	0B	0B	0B	0B	0B	44.0 B	56.5	41.9	22.9E	12.0 E	1.70 B	0.120B	9
10	0B	0B	0B	0B	0B	38.6 B	54.6	39.3	22.5E	10.8 B	1.63 B	0.100B	10
11	0B	0B	0B	0B	0B	33.0 B	53.0	36.7	22.0E	9.60B	1.52 B	0.080B	11
12	0B	0B	0B	0B	0B	28.5 B	52.0	34.7A	21.7E	8.65B	1.45 B	0.060B	12
13	0B	0B	0B	0B	0B	25.5 B	50.3	32.6E	21.2E	7.90B	1.38 B	0.040B	13
14	0B	0B	0B	0B	0B	25.2 B	47.9	31.2E	20.7E	7.20B	1.30 B	0.020B	14
15	0B	0B	0B	0B	0B	27.2 B	47.0	30.8E	20.2E	6.70B	1.22 B	0 B	15
16	0B	0B	0B	0B	0B	32.0 B	47.5	29.5E	19.8E	6.15B	1.15 B	0 B	16
17	0B	0B	0B	0B	0B	36.5 B	52.9	29.0E	19.6E	5.60B	1.10 B	0 B	17
18	0B	0B	0B	0B	0B	39.0 B	56.2	29.0E	19.4E	5.20B	1.00 B	0 B	18
19	0B	0B	0B	0B	0B	41.5 B	58.9	29.8E	19.1E	4.80B	0.950B	0 B	19
20	0B	0B	0B	0B	0B	45.0 B	58.4	30.0E	19.0E	4.55B	0.900B	0 B	20
21	0B	0B	0B	0B	0B	48.0 B	57.4	30.0E	19.2E	4.20B	0.850B	0 B	21
22	0B	0B	0B	0B	0B	50.5 B	55.7	30.0E	19.9E	3.95B	0.800B	0 B	22
23	0B	0B	0B	0B	0B	52.9 B	55.2	30.0E	21.2E	3.75B	0.750B	0 B	23
24	0B	0B	0B	0B	0B	54.0 B	53.0	31.0E	22.7E	3.55B	0.700B	0 B	24
25	0B	0B	0B	0B	0B	55.0 B	50.4	32.0E	23.7A	3.35B	0.650B	0 B	25
26	0B	0B	0B	0B	0B	56.0 B	48.9	31.8E	25.0E	3.20B	0.600B	0 B	26
27	0B	0B	0B	0B	0B	57.0 B	48.0	30.5E	26.0E	3.00B	0.550B	0 B	27
28	0B	0B	0B	0B	0B	58.0 B	53.2	29.0E	26.8E	2.85B	0.500B	0 B	28
29	0B		0B	0B	0B	58.9	61.3	27.8E	26.9E	2.75B	0.450B	0 B	29
30	0B		0E	0B	0B	62.5 E	62.5	27.3E	26.4E	2.62B	0.400B	0 B	30
31	0B		0B		0B		59.7	26.8E		2.50B		0 B	31
TOTAL	0	0	0	0	0	1 184.850	1 732.1	1 096.9	685.0	281.27	38.280	2.270	TOTA
MEAN	0	0	0	0	0	39.5	55.9	35.4	22.8	9.07	1.28	0.073	MEAN
MAX	0	0	0	0	0	62.5	63.6	54.5	26.9	25.4	2.40	0.370	MAX
MIN	0	0	0	0	0	0.200	47.0	26.8	19.0	2.50	0.400	0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 63.6A ON JUL 01
MINIMUM DAILY, 0B ON JAN 01

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 18 08 N
LONG 095 45 31 W
DRAINAGE AREA, 2 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	150 000
FEB	0	AUG	94 800
MAR	0	SEP	59 200
APR	0	OCT	24 300
MAY	0	NOV	3 310
JUN	102 000	DEC	196

TOTAL DISCHARGE, 434 000 dam³

PROSPEROUS LAKE NEAR MCMEEKAN BAY - STATION NO. 07SB014

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	158.318	158.279E	158.240E	158.190E	158.150E	158.300	158.389	158.857	158.723	158.613	158.543	158.493	1
2	158.312	158.277E	158.239E	158.188E	158.151E	158.303	158.386	158.863	158.723	158.609	158.539	158.490	2
3	158.309	158.275E	158.237E	158.186E	158.152E	158.308	158.384	158.854	158.718	158.605	158.539	158.489	3
4	158.305	158.273E	158.236E	158.184A	158.153A	158.312	158.386	158.850	158.716	158.601	158.539	158.495	4
5	158.305	158.270E	158.234E	158.102E	158.160	158.315	158.392	158.849	158.714	158.600	158.536	158.487	5
6	158.307	158.269E	158.233E	158.180E	158.165	158.315	158.402	158.841	158.707	158.594	158.535	158.490	6
7	158.305	158.268E	158.231E	158.178E	158.164	158.322	158.410	158.847	158.709	158.589	158.537	158.499	7
8	158.306	158.267E	158.230E	158.176E	158.167	158.326	158.418	158.835	158.703	158.585	158.533	158.500	8
9	158.310	158.266E	158.229E	158.173E	158.168	158.328	158.429	158.830	158.696	158.595	158.528	158.497	9
10	158.309	158.264E	158.228E	158.171E	158.167	158.336	158.449	158.825	158.694	158.592	158.523	158.498	10
11	158.302	158.263E	158.227E	158.169E	158.170	158.337	158.477	158.819	158.685	158.582	158.515	158.496	11
12	158.302	158.262E	158.226E	158.167E	158.176	158.341	158.508	158.820	158.680	158.575	158.517	158.496	12
13	158.300	158.261E	158.225E	158.165E	158.182	158.339	158.553	158.815	158.675	158.572	158.521	158.498	13
14	158.304	158.260E	158.224A	158.163E	158.190	158.342	158.621	158.806	158.672	158.569	158.519	158.498	14
15	158.302	158.258A	158.222E	158.161E	158.194	158.348	158.655	158.797	158.672	158.564	158.517	158.491	15
16	158.301	158.257E	158.220E	158.158E	158.200	158.352	158.690	158.785	158.669	158.561	158.522	158.487	16
17	158.299	158.256E	158.218E	158.156E	158.207	158.358	158.716	158.767	158.659	158.557	158.523	158.484	17
18	158.297	158.255E	158.216E	158.154E	158.214	158.361	158.746	158.747	158.653	158.555	158.516	158.482	18
19	158.297	158.253E	158.214E	158.152E	158.217	158.365	158.772	158.747	158.649	158.554	158.514	158.480	19
20	158.300	158.252E	158.212E	158.151E	158.226	158.370	158.793	158.744	158.650	158.551	158.512	158.474	20
21	158.306	158.251E	158.210E	158.150E	158.232	158.370	158.811	158.749	158.646	158.546	158.514	158.479	21
22	158.307	158.250E	158.208E	158.150E	158.240	158.374	158.829	158.744	158.644	158.544	158.514	158.476	22
23	158.301	158.249E	158.206E	158.149E	158.247	158.377	158.839	158.751	158.641	158.540	158.514	158.466	23
24	158.288	158.247E	158.204E	158.149E	158.253	158.377	158.844	158.757	158.642	158.544	158.509	158.463	24
25	158.292	158.246E	158.202E	158.148E	158.261	158.380	158.848	158.753	158.641	158.551	158.505	158.459	25
26	158.282A	158.244E	158.200E	158.149E	158.269	158.376	158.860	158.745	158.637	158.548	158.502	158.461	26
27	158.282E	158.243E	158.199E	158.149E	158.276	158.369	158.859	158.734	158.629	158.539	158.500	158.456	27
28	158.283E	158.241E	158.197E	158.149E	158.279	158.382	158.861	158.730	158.610	158.547	158.499	158.445	28
29	158.283E		158.195E	158.150E	158.275	158.382	158.856	158.732	158.622	158.547	158.498	158.442A	29
30	158.283A		158.193E	158.150E	158.284	158.379	158.857	158.736	158.617	158.543	158.496	158.444	30
31	158.279A		158.191E		158.297		158.854	158.730		158.544		158.442	31
MEAN	158.299	158.259	158.218	158.163	158.209	158.348	158.642	158.789	158.670	158.568	158.519	158.479	MEAN
MAX	158.318	158.279	158.240	158.190	158.297	158.382	158.861	158.863	158.723	158.613	158.543	158.500	MAX
MIN	158.279	158.241	158.191	158.148	158.150	158.300	158.384	158.730	158.610	158.539	158.496	158.442	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MEAN, 158.432
MAXIMUM DAILY, 158.863 ON AUG 02
MINIMUM DAILY, 158.148E ON APR 25
MAXIMUM INSTANTANEOUS,
158.869 AT 00:32 MST ON AUG 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 31 21 N
LONG 114 09 32 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1941

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - WATER LEVEL DATA FROM THIS STATION ARE USED TO COMPUTE FLOW DATA FOR STATION NO. 07SB002

QINGUQ CREEK NEAR BAKER LAKE - STATION NO. 06MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	8.41	8.47	4.89	1.75 B	0B	0B	1
2	0B	0B	0B	0B	0B	0.100B	8.03	7.90	4.56	1.20 B	0B	0B	2
3	0B	0B	0B	0B	0B	0.250B	7.65	7.55	5.10	0.740B	0B	0B	3
4	0B	0B	0B	0B	0B	0.500B	7.32	7.06	5.99	0.580B	0B	0B	4
5	0B	0B	0B	0B	0B	0.800B	6.87	7.89	4.90	0.420B	0B	0B	5
6	0B	0B	0B	0B	0B	1.60 B	6.46	7.19	4.46	0.390B	0B	0B	6
7	0B	0B	0B	0B	0B	4.40 B	6.01	6.41	4.54	0.370B	0B	0B	7
8	0B	0B	0B	0B	0B	28.0 B	5.58	6.43	4.07	0.345B	0B	0B	8
9	0B	0B	0B	0B	0B	37.0 B	5.28	6.29	3.98	0.320B	0B	0B	9
10	0B	0B	0B	0B	0B	40.6	4.99	5.16	3.86	0.300B	0B	0B	10
11	0B	0B	0B	0B	0B	45.3	4.62	4.58	5.06	0.280B	0B	0B	11
12	0B	0B	0B	0B	0B	46.5	4.46	4.06	3.36	0.260B	0B	0B	12
13	0B	0B	0B	0B	0B	44.1	4.17	4.08	2.62	0.240B	0B	0B	13
14	0B	0B	0B	0B	0B	39.1	3.74	4.00	2.61	0.220B	0B	0B	14
15	0B	0B	0B	0B	0B	34.8	3.51	4.39	2.82	0.200B	0B	0B	15
16	0B	0B	0B	0B	0B	29.7	4.00	4.48	2.89	0.180B	0B	0B	16
17	0B	0B	0B	0B	0B	25.6	5.47	3.50	3.00	0.160B	0B	0B	17
18	0B	0B	0B	0B	0B	22.8	6.76	2.92	6.60	0.140B	0B	0B	18
19	0B	0B	0B	0B	0B	20.3	7.73	3.06	6.66	0.120B	0B	0B	19
20	0B	0B	0B	0B	0B	18.2	7.29	2.85	5.14	0.100B	0B	0B	20
21	0B	0B	0B	0B	0B	17.0	7.01	4.80	5.30	0.080B	0B	0B	21
22	0B	0B	0B	0B	0B	15.7	6.78	3.46	3.44	0.060B	0B	0B	22
23	0B	0B	0B	0B	0B	14.2	6.96	3.13	4.67	0.040B	0B	0B	23
24	0B	0B	0B	0B	0B	13.0	6.65	3.01	3.88	0.020B	0B	0B	24
25	0B	0B	0B	0B	0B	12.0	6.06	3.86	3.84	0 B	0B	0B	25
26	0B	0B	0B	0B	0B	11.2	5.97	4.85	4.43	0 B	0B	0B	26
27	0B	0B	0B	0B	0B	10.1	6.04	4.76	4.55	0 B	0B	0B	27
28	0B	0B	0B	0B	0B	8.88	10.9	4.46	4.18	0 B	0B	0B	28
29	0B		0B	0B	0B	8.25	16.9	4.57	3.91	0 B	0B	0B	29
30	0B		0B	0B	0B	8.67	11.8	4.79	2.40B	0 B	0B	0B	30
31	0B		0B		0B		9.93	4.98		0 B		0B	31
TOTAL	0	0	0	0	0	558.850	213.35	154.94	131.71	8.515	0	0	TOTAL
MEAN	0	0	0	0	0	18.6	6.88	5.00	4.39	0.275	0	0	MEAN
MAX	0	0	0	0	0	46.5	16.9	8.47	8.07	1.75	0	0	MAX
MIN	0	0	0	0	0	0	3.51	2.85	2.40	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.92
MAXIMUM DAILY, 46.5 ON JUN 12
MINIMUM DAILY, 0B ON JAN 01
MAXIMUM INSTANTANEOUS,
52.2 AT 20:17 CST ON JUN 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 24 N
LONG 096 19 06 W
DRAINAGE AREA, 431 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	18 400
FEB	0	AUG	13 400
MAR	0	SEP	11 400
APR	0	OCT	736
MAY	0	NOV	0
JUN	48 300	DEC	0

TOTAL DISCHARGE, 92 200 dam³

QUOICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 06MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.54B	4.60B	4.00B	4.00B	4.76B	13.2B	2 160	598	585	223	33.6B	14.0 B	1
2	7.38B	4.50B	4.00B	4.00B	4.84B	14.2B	2 160	599	571	215	32.4B	13.7 B	2
3	7.21B	4.40B	4.00B	4.00B	4.93B	15.9B	2 160	613	572	192	31.3B	13.2 B	3
4	7.05B	4.30B	4.00B	4.00B	5.01B	16.9B	2 150	620	570	165	30.3B	12.8 B	4
5	6.95B	4.20B	4.00B	4.00B	5.10B	18.9B	2 060	643	556	144	29.4B	12.3 B	5
6	6.79B	4.18B	4.00B	4.01B	5.26B	21.5B	1 870	656	541	128 B	28.4B	12.0 B	6
7	6.63B	4.16B	4.00B	4.02B	5.42B	27.2B	1 670	659	529	117 B	27.5B	11.8 B	7
8	6.47B	4.14B	4.00B	4.03B	5.58B	34.3B	1 530	661	512	107 B	26.8B	11.5 B	8
9	6.31B	4.12B	4.00B	4.04B	5.74B	43.0B	1 400	644	468	99.0B	25.9B	11.0 B	9
10	6.15B	4.10B	4.00B	4.05B	5.90B	53.2B	1 280	616	465	92.0B	25.1B	10.5 B	10
11	6.10B	4.08B	4.00B	4.06B	6.01B	68.0B	1 170	586	453	85.5B	24.3B	10.1 B	11
12	6.05B	4.06B	4.00B	4.07B	6.12B	85.0B	1 070	558	425	80.5B	23.6B	10.0 B	12
13	6.00B	4.04B	4.00B	4.08B	6.23B	108 B	976	525	401	76.5B	23.1B	9.85B	13
14	5.97B	4.03B	4.00B	4.09B	6.34B	134 B	894	500	393	72.5B	22.4B	9.70B	14
15	5.95B	4.02B	4.00B	4.10B	6.45B	173 B	827	469	381	68.5B	21.9B	9.25B	15
16	5.88B	4.02B	4.00B	4.11B	6.63B	215 B	778	440	364	65.0B	21.4B	8.90B	16
17	5.81B	4.01B	4.00B	4.12B	6.82B	277	764	419	350	61.3B	20.9B	8.50B	17
18	5.74B	4.01B	4.00B	4.13B	7.00B	290	751	397	348	58.8B	20.4B	8.20B	18
19	5.67B	4.01B	4.00B	4.14B	7.10B	341	724	382	349	56.0B	19.9B	8.05B	19
20	5.60B	4.00B	4.00B	4.15B	7.20B	420	687	359	336	53.5B	19.4B	7.95B	20
21	5.52B	4.00B	4.00B	4.17B	7.60B	482	649	366	319	51.0B	18.6B	7.90B	21
22	5.44B	4.00B	4.00B	4.19B	7.80B	556	607	362	308	48.3B	18.1B	7.70B	22
23	5.36B	4.00B	4.00B	4.21B	7.90B	643	588	355	305	47.0B	17.8B	7.40B	23
24	5.28B	4.00B	4.00B	4.23B	7.98B	879	559	372	291	45.5B	17.3B	7.10B	24
25	5.20B	4.00B	4.00B	4.25B	8.15B	1 150	524	388	284	43.7B	16.8B	6.90B	25
26	5.10B	4.00B	4.00B	4.33B	8.25B	1 310	496	422	277	41.8B	16.2B	6.70B	26
27	5.00B	4.00B	4.00B	4.42B	9.15B	1 690	494	448	259	40.1B	15.9B	6.50B	27
28	4.93B	4.00B	4.00B	4.50B	9.90B	1 980	515	480	243	38.5B	15.6B	6.15B	28
29	4.85B		4.00B	4.59B	10.2 B	2 060	576	525	236	37.3B	15.0B	6.10B	29
30	4.78B		4.00B	4.67B	11.8 B	2 210	573	573	231	36.0B	14.3B	6.05B	30
31	4.70B		4.00B		12.1 B		571	590		34.8B		6.00B	31
TOTAL	183.41	114.98	124.00	124.76	219.27	15 329.3	33 233	15 825	11 922	2 624.1	673.8	287.80	TOTAL
MEAN	5.92	4.11	4.00	4.16	7.07	511	1 070	510	397	84.6	22.5	9.28	MEAN
MAX	7.54	4.60	4.00	4.67	12.1	2 210	2 160	661	585	223	33.6	14.0	MAX
MIN	4.70	4.00	4.00	4.00	4.76	13.2	494	355	231	34.8	14.3	6.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 221
MAXIMUM DAILY, 2 210 ON JUN 30
MINIMUM DAILY, 4.00B ON FEB 20
MAXIMUM INSTANTANEOUS,
2 240 AT 10:45 CST ON JUN 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 18 22 N
LONG 093 55 02 W
DRAINAGE AREA, 30 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL	2 870 000
FEB	9 930	AUG	1 370 000
MAR	10 700	SEP	1 030 000
APR	10 800	OCT	227 000
MAY	18 900	NOV	58 200
JUN	1 320 000	DEC	24 900

TOTAL DISCHARGE, 6 970 000 dam³

NORTHWEST TERRITORIES

RABBIT CREEK AT HIGHWAY NO. 7 - STATION NO. 10ED006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010B	0.013B	0.004B	0.170B	1.17	0.536	0.102	0.020	0.101	0.089	0.189B	0.050B	1
2	0.010B	0.011B	0.004B	0.140B	1.20	0.462	0.087	0.020	0.093	0.090	0.181B	0.046B	2
3	0.010B	0.008B	0.004B	0.135B	1.35	0.385	0.068	0.025	0.103	0.127	0.174B	0.042B	3
4	0.010B	0.007B	0.004B	0.110B	1.47	0.347	0.053	0.026	0.088	0.133	0.168B	0.039B	4
5	0.013B	0.006B	0.004B	0.120B	1.41	0.336	0.037	0.020	0.102	0.136	0.162B	0.038B	5
6	0.015B	0.009B	0.004B	0.100B	2.89	0.340	0.026	0.026	0.093	0.135	0.162B	0.039B	6
7	0.013B	0.012B	0.004B	0.080B	6.98	0.365	0.022	0.067	0.121	0.134	0.167B	0.039B	7
8	0.012B	0.012B	0.004B	0.095B	6.73	0.434	0.028	0.067	0.128	0.132	0.163B	0.037B	8
9	0.011B	0.013B	0.004B	0.112B	5.08	0.422	0.024	0.044	0.121	0.138	0.158B	0.035B	9
10	0.011B	0.015B	0.005B	0.135B	3.93	0.374	0.019	0.043	0.112	0.152B	0.158B	0.033B	10
11	0.011B	0.013B	0.008B	0.121B	3.07	0.342	0.018	0.046	0.088	0.158B	0.157B	0.031B	11
12	0.011B	0.015B	0.009B	0.062B	2.45	0.276	0.016	0.025	0.067	0.163B	0.155B	0.029B	12
13	0.011B	0.019B	0.010B	0.046B	2.01	0.243	0.083	0.044	0.078	0.170B	0.154B	0.027B	13
14	0.011B	0.023B	0.009B	0.056B	1.66	0.213	0.171	0.055	0.089	0.190B	0.152B	0.026B	14
15	0.010B	0.028B	0.005B	0.061B	1.53	0.197	0.138	0.058	0.089	0.192B	0.142B	0.025B	15
16	0.010B	0.030B	0.004B	0.106B	1.37	0.173	0.122	0.061	0.094	0.195B	0.140B	0.024B	16
17	0.011B	0.030B	0.004B	0.154B	1.23	0.161	0.096	0.066	0.097	0.199B	0.132B	0.024B	17
18	0.011B	0.026B	0.004B	0.178B	1.14	0.133	0.070E	0.064	0.091	0.209B	0.124B	0.023B	18
19	0.011B	0.022B	0.004B	0.171B	1.11	0.117	0.060E	0.067	0.087	0.220B	0.116B	0.022B	19
20	0.012B	0.015B	0.004B	0.218B	1.04	0.105	0.050E	0.065	0.093	0.218B	0.111B	0.022B	20
21	0.011B	0.010B	0.004B	0.305B	0.992	0.083	0.040E	0.062	0.111	0.210B	0.101B	0.021B	21
22	0.011B	0.005B	0.004B	0.689B	0.996	0.072	0.032E	0.087	0.097	0.193B	0.095B	0.020B	22
23	0.011B	0.005B	0.004B	0.799B	0.760	0.085	0.030E	0.049	0.083	0.195B	0.090B	0.020B	23
24	0.010B	0.005B	0.003B	0.777B	0.700	0.071	0.025E	0.031	0.079	0.207B	0.087B	0.018B	24
25	0.009B	0.005B	0.003B	0.817B	0.648	0.074	0.022E	0.041	0.081	0.207B	0.073B	0.017B	25
26	0.007B	0.005B	0.003B	0.800B	0.568	0.074	0.020E	0.051	0.082	0.197B	0.068B	0.017B	26
27	0.006B	0.005B	0.0[illegible]B	0.844B	0.505	0.063	0.019E	0.066	0.086	0.195B	0.064B	0.018B	27
28	0.006B	0.005B	0.0[illegible]B	0.886B	0.449	0.051	0.018E	0.096	0.092	0.212B	0.060B	0.018B	28
29	0.008B		0.05[illegible]B	0.975B	0.404	0.107	0.018E	0.102	0.096	0.211B	0.056B	0.018B	29
30	0.014B		0.108B	1.09	0.390	0.122	0.017E	0.084	0.090	0.210B	0.053B	0.018B	30
31	0.016B		0.200B		0.482		0.017A	0.079		0.198B		0.017B	31
TOTAL	0.333	0.372	0.488	10.352	55.714	6.763	1.548	1.657	2.832	5.415	3.812	0.853	TOTAL
MEAN	0.011	0.013	0.016	0.345	1.80	0.225	0.050	0.054	0.094	0.175	0.127	0.028	MEAN
MAX	0.016	0.030	0.200	1.09	6.98	0.536	0.171	0.102	0.128	0.220	0.189	0.050	MAX
MIN	0.006	0.005	0.003	0.046	0.390	0.051	0.016	0.020	0.067	0.089	0.053	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.247
MAXIMUM DAILY, 6.98 ON MAY 07
MINIMUM DAILY, 0.003B ON MAR 24
MAXIMUM INSTANTANEOUS,
8.34 AT 03:52 MST ON MAY 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 27 50 N
LONG 123 21 54 W
DRAINAGE AREA, 92.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28.8	JUL	134
FEB	32.1	AUG	143
MAR	42.2	SEP	245
APR	894	OCT	468
MAY	4 810	NOV	329
JUN	584	DEC	73.7

TOTAL DISCHARGE, 7 780 dam³

RAMPARTS RIVER NEAR FORT GOOD HOPE - STATION NO. 10KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.95B	2.93B	2.27B	1.61B	1.46B	606	291	17.9	51.5	115	17.2 B	8.70B	1
2	3.90B	2.91B	2.24B	1.60B	1.47B	533	220	17.4	46.8	109	16.7 B	8.55B	2
3	3.85B	2.89B	2.21B	1.58B	1.48B	444	173	18.4	43.1	103	16.3 B	8.32B	3
4	3.81B	2.87B	2.19B	1.57B	1.49B	364	139	61.2	40.0	96.8	15.9 B	8.20B	4
5	3.77B	2.84B	2.17B	1.55B	1.50B	305	115	81.1	37.6	89.3	15.4 B	8.02B	5
6	3.71B	2.82B	2.15B	1.54B	1.52B	269	97.1	71.1	36.6	83.0	15.1 B	7.82B	6
7	3.68B	2.80B	2.13B	1.53B	1.54B	273	82.2	60.9	35.5	74.5	14.8 B	7.65B	7
8	3.63B	2.78B	2.10B	1.51B	1.56B	264	71.5	66.0	34.0	64.8	14.6 B	7.50B	8
9	3.60B	2.75B	2.08B	1.50B	1.58B	231	61.7	75.6	33.2	52.5B	14.2 B	7.35B	9
10	3.56B	2.73B	2.06B	1.49B	1.61B	201	53.7	73.1	35.8	45.0B	13.9 B	7.20B	10
11	3.51B	2.70B	2.04B	1.48B	1.64B	187	47.4	69.6	43.5	39.0B	13.6 B	7.05B	11
12	3.49B	2.68B	2.01B	1.48B	1.68B	185	42.4	68.1	51.7	35.6B	13.3 B	6.90B	12
13	3.44B	2.66B	1.99B	1.47B	1.72B	171	39.2	61.9	54.2	33.2B	12.9 B	6.75B	13
14	3.40B	2.63B	1.97B	1.47B	1.78B	154	36.5	53.5	52.3	31.5B	12.7 B	6.62B	14
15	3.38B	2.61B	1.95B	1.46B	1.84B	137	33.5	47.3	48.3	30.0B	12.4 B	6.50B	15
16	3.35B	2.59B	1.93B	1.46B	1.93B	119	30.8	43.6	45.7	28.6B	12.1 B	6.40B	16
17	3.32B	2.57B	1.90B	1.45B	2.02B	106	28.6	41.1	42.4	27.3B	11.8 B	6.30B	17
18	3.29B	2.54B	1.88B	1.44B	2.13B	97.8	26.7	37.5	91.8	26.3B	11.6 B	6.18B	18
19	3.26B	2.52B	1.86B	1.44B	2.27B	100	25.4	34.2	225	25.4B	11.4 B	6.03B	19
20	3.23B	2.50B	1.84B	1.43B	2.43B	122	24.3	32.6	206	24.6B	11.1 B	5.95B	20
21	3.19B	2.47B	1.82B	1.43B	2.75B	169	23.5	31.7	163	23.7B	10.8 B	5.93B	21
22	3.17B	2.44B	1.80B	1.42B	4.00B	249	22.3	34.1	132	22.9B	10.6 B	5.72B	22
23	3.14B	2.41B	1.78B	1.42B	13.0 B	231	21.3	93.0	112	22.1B	10.4 B	5.62B	23
24	3.12B	2.39B	1.76B	1.42B	100 B	185	19.7	174	102	21.6B	10.1 B	5.52B	24
25	3.10B	2.37B	1.74B	1.42B	390 B	190	19.1	158	106	20.9B	9.90B	5.42B	25
26	3.08B	2.35B	1.72B	1.42B	430 B	477	18.6	126	114	20.2B	9.70B	5.32B	26
27	3.05B	2.33B	1.70B	1.43B	479	602	18.1	103	142	19.7B	9.50B	5.22B	27
28	3.02B	2.30B	1.68B	1.43B	570	615	17.8	85.0	154	19.1B	9.30B	5.12B	28
29	3.00B		1.66B	1.44B	618	522	17.8	72.6	142	18.7B	9.10B	5.03B	29
30	2.98B		1.64B	1.45B	641	391	18.1	63.8	126	18.1B	8.90B	4.96B	30
31	2.96B		1.63B		639		18.1	55.7		17.7B		4.88B	31
TOTAL	104.94	73.38	59.90	44.34	3 921.40	8 499.8	1 853.4	2 030.0	2 548.0	1 359.1	375.30	202.63	TOTAL
MEAN	3.39	2.62	1.93	1.48	126	283	59.8	65.5	84.9	43.8	12.5	6.54	MEAN
MAX	3.95	2.93	2.27	1.61	641	615	291	174	225	115	17.2	8.70	MAX
MIN	2.96	2.30	1.63	1.42	1.46	97.8	17.8	17.4	33.2	17.7	8.90	4.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.7
MAXIMUM DAILY, 641 ON MAY 30
MINIMUM DAILY, 1.42B ON APR 22
MAXIMUM INSTANTANEOUS,
648 AT 21:37 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 07 00 N
LONG 129 16 16 W
DRAINAGE AREA, 7 410 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 070	JUL	160 000
FEB	6 340	AUG	175 000
MAR	5 180	SEP	220 000
APR	3 830	OCT	117 000
MAY	339 000	NOV	32 400
JUN	734 000	DEC	17 500

TOTAL DISCHARGE, 1 820 000 dam³

NORTHWEST TERRITORIES

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.077B	0.019B	0B	0B	0 B	49.7	14.8	11.3	12.8	5.10B	1.96 B	0.360B	1
2	0.074B	0.018B	0B	0B	0.030B	40.4	14.1	10.2	17.9	4.50B	1.85 B	0.345B	2
3	0.071B	0.017B	0B	0B	0.060B	38.6	13.6	15.0	15.0	4.00B	1.76 B	0.332B	3
4	0.068B	0.016B	0B	0B	0.100B	33.0	13.4	19.0	12.6	3.70B	1.66 B	0.320B	4
5	0.066B	0.015B	0B	0B	0.150B	27.5	12.9	17.4	10.7	3.48B	1.56 B	0.308B	5
6	0.064B	0.014B	0B	0B	0.220B	19.8	12.7	15.7	9.90	3.30B	1.45 B	0.297B	6
7	0.062B	0.013B	0B	0B	0.250B	15.7	12.5	13.7	22.3	3.19B	1.33 B	0.287B	7
8	0.060B	0.012B	0B	0B	0.300B	13.0	11.8	12.0	26.9	3.08B	1.23 B	0.277B	8
9	0.058B	0.011B	0B	0B	0.350B	15.0	11.4	10.5	20.7	3.00B	1.13 B	0.268B	9
10	0.056B	0.010B	0B	0B	0.450B	21.1	10.9	9.66	16.6	2.94B	1.05 B	0.260B	10
11	0.053B	0.009B	0B	0B	0.520B	28.7	14.9	9.01	13.7	2.90B	0.980B	0.251B	11
12	0.051B	0.008B	0B	0B	0.650B	23.6	29.5	16.0	12.2	2.88B	0.930B	0.243B	12
13	0.049B	0.007B	0B	0B	0.800B	23.6	21.2	15.2	11.5	2.85B	0.870B	0.236B	13
14	0.047B	0.006B	0B	0B	1.00 B	32.5	18.5	13.3	12.8	2.82B	0.820B	0.229B	14
15	0.045B	0.005B	0B	0B	1.30 B	33.3	22.5	12.1	20.2	2.80B	0.780B	0.223B	15
16	0.043B	0.004B	0B	0B	1.70 B	45.6	24.5	11.0	21.5	2.79B	0.740B	0.216B	16
17	0.041B	0.003B	0B	0B	2.30 B	49.3	19.0	10.3	17.4	2.77B	0.700B	0.210B	17
18	0.039B	0.003B	0B	0B	3.00 B	37.8	15.4	9.71	14.0	2.75B	0.660B	0.203B	18
19	0.037B	0.002B	0B	0B	4.00 B	33.8	13.3	9.22	11.8	2.73B	0.630B	0.197B	19
20	0.036B	0.002B	0B	0B	5.70 B	29.1	12.1	8.68	10.1	2.71B	0.600B	0.186B	20
21	0.034B	0.001B	0B	0B	8.50 B	30.3	11.5	8.19	9.08	2.68B	0.570B	0.178B	21
22	0.033B	0.001B	0B	0B	11.0 B	49.2	11.2	7.73	8.28	2.65B	0.540B	0.169B	22
23	0.031B	0.001B	0B	0B	20.9 B	42.8	12.0	7.27	9.78	2.62B	0.510B	0.160B	23
24	0.029B	0 B	0B	0B	40.8 B	32.0	11.8	6.94	11.1	2.58B	0.490B	0.150B	24
25	0.027B	0 B	0B	0B	65.5 B	26.4	11.4	6.62	10.0	2.53B	0.465B	0.143B	25
26	0.026B	0 B	0B	0B	85.7 B	21.8	11.4	6.32	8.83	2.48B	0.445B	0.136B	26
27	0.025B	0 B	0B	0B	111	19.5	10.5	6.36	7.82	2.40B	0.425B	0.128B	27
28	0.024B	0 B	0B	0B	113	18.4	9.39	6.24	7.41	2.32B	0.405B	0.122B	28
29	0.023B		0B	0B	104	17.2	8.76	6.49	6.83	2.23B	0.392B	0.116B	29
30	0.021B		0B	0B	75.2	15.8	9.49	10.7	6.24	2.14B	0.376B	0.110B	30
31	0.020B		0B		58.1		11.5	12.3		2.04B		0.103B	31
TOTAL	1.390	0.197	0	0	718.580	884.5	437.94	334.14	395.67	90.96	27.308	6.763	TOTAL
MEAN	0.045	0.007	0	0	23.2	29.5	14.1	10.8	13.2	2.93	0.910	0.218	MEAN
MAX	0.077	0.019	0	0	113	49.7	29.5	19.0	26.9	5.10	1.96	0.360	MAX
MIN	0.020	0	0	0	0	13.0	8.76	6.24	6.24	2.04	0.376	0.103	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.94
MAXIMUM DAILY, 113 ON MAY 28
MINIMUM DAILY, 0B ON FEB 24
MAXIMUM INSTANTANEOUS,
145 AT 03:00 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 40 37 N
LONG 135 43 05 W
DRAINAGE AREA, 1 260 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	120	JUL	37 800
FEB	17.0	AUG	28 900
MAR	0	SEP	34 200
APR	0	OCT	7 860
MAY	62 100	NOV	2 360
JUN	76 400	DEC	584

TOTAL DISCHARGE, 250 000 dam³

REDSTONE RIVER 63 KM ABOVE MOUTH - STATION NO. 10HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.8B	19.2B	18.1B	19.6B	133B	886	617	543	394	272	65.0B	42.5B	1
2	22.6B	19.1B	18.1B	19.8B	161B	556	532	653	359	254	64.0B	42.0B	2
3	22.4B	19.0B	18.0B	19.9B	192B	371	469	502	345	241	62.5B	41.6B	3
4	22.2B	19.0B	18.0B	20.0B	212B	328	426	433	332	229	61.0B	41.2B	4
5	22.0B	18.9B	18.0B	20.1B	190B	415	392	370	335	211	60.2B	40.5B	5
6	21.9B	18.9B	18.0B	20.3B	170B	518	370	326	316	193	59.2B	40.0B	6
7	21.8B	18.8B	18.0B	20.4B	160	398	361	638	314	178	58.1B	39.4B	7
8	21.7B	18.8B	18.0B	20.7B	202	389	382	1 110	360	168 B	57.3B	39.0B	8
9	21.5B	18.8B	18.1B	20.9B	235	361	380	732	352	155 B	56.2B	38.7B	9
10	21.4B	18.7B	18.1B	21.1B	201	335	378	535	338	146 B	55.2B	38.2B	10
11	21.3B	18.7B	18.1B	21.4B	177	366	341	436	327	137 B	54.6B	37.8B	11
12	21.1B	18.7B	18.2B	21.9B	187	412	315	391	300	129 B	53.6B	37.6B	12
13	21.0B	18.6B	18.2B	22.4B	185	494	279	384	316	120 B	52.8B	37.2B	13
14	20.8B	18.6B	18.2B	23.2B	179	470	290	358	405	113 B	52.0B	36.9B	14
15	20.7B	18.6B	18.3B	24.1B	164	453	358	329	438	107 B	51.5B	36.5B	15
16	20.6B	18.5B	18.3B	25.5B	176	1 380	316	310	502	102 B	50.8B	36.2B	16
17	20.5B	18.5B	18.4B	27.2B	202	1 510	298	337	598	97.0B	50.2B	35.9B	17
18	20.4B	18.5B	18.4B	29.7B	209	991	278	403	480	93.5B	49.8B	35.5B	18
19	20.3B	18.4B	18.5B	32.0B	184	791	256	405	411	89.6B	49.3B	35.2B	19
20	20.2B	18.4B	18.5B	35.5B	166	628	241	373	368	87.0B	48.5B	34.9B	20
21	20.1B	18.4B	18.6B	39.3B	155	524	239	348	334	84.0B	48.0B	34.5B	21
22	20.0B	18.4B	18.7B	43.0B	191	468	237	343	312	81.5B	47.7B	34.1B	22
23	19.9B	18.3B	18.7B	46.8B	274	415	235	344	332	79.0B	46.8B	33.9B	23
24	19.8B	18.3B	18.8B	51.2B	266	898	241	322	422	77.0B	46.2B	33.6B	24
25	19.7B	18.3B	18.9B	58.0B	239	1 440	225	300	450	75.0B	45.6B	33.2B	25
26	19.7B	18.2B	18.9B	65.0B	274	1 270	211	280	375	73.0B	45.2B	32.9B	26
27	19.6B	18.2B	19.0B	74.0B	342	943	236	264	330	71.5B	44.3B	32.5B	27
28	19.5B	18.2B	19.1B	85.0B	475	791	252	256	295	69.5B	44.0B	32.2B	28
29	19.4B		19.2B	97.0B	590	807	228	353	301	68.0B	43.6B	32.0B	29
30	19.4B		19.3B	112 B	715	759	210	519	296	67.0B	43.0B	31.8B	30
31	19.3B		19.4B		910		234	461		66.0B		31.6B	31
TOTAL	643.6	521.0	572.1	1 137.0	8 116	20 387	9 827	13 358	11 037	3 933.1	1 566.2	1 129.1	TOTAL
MEAN	20.8	18.6	18.5	37.9	262	680	317	431	368	127	52.2	36.4	MEAN
MAX	22.8	19.2	19.4	112	910	1 510	617	1 110	598	272	65.0	42.5	MAX
MIN	19.3	18.2	18.0	19.6	133	328	210	256	295	66.0	43.0	31.6	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 198
MAXIMUM DAILY, 1 510 ON JUN 17
MINIMUM DAILY, 18.0B ON MAR 03
MAXIMUM INSTANTANEOUS,
2 010 AT 23:33 MST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 58 32 N
LONG 125 18 02 W
DRAINAGE AREA, 15 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55 600	JUL	849 000
FEB	45 000	AUG	1 150 000
MAR	49 400	SEP	954 000
APR	98 200	OCT	340 000
MAY	701 000	NOV	135 000
JUN	1 760 000	DEC	97 600

TOTAL DISCHARGE, 6 230 000 dam³

NORTHWEST TERRITORIES

RENGLENG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 10LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.035B	0.006B	0B	0 B	0.089B	34.3	6.16	2.59	0.948	0.851	0.337B	0.191B	1
2	0.032B	0.005B	0B	0.160B	0.093B	32.0	5.84	2.43	0.977	0.845	0.336B	0.183B	2
3	0.030B	0.005B	0B	0.259B	0.096B	29.6	5.39	2.34	0.972	0.779	0.335B	0.176B	3
4	0.029B	0.004B	0B	0.242B	0.100B	27.5	5.00	2.27	0.923	0.710B	0.334B	0.166B	4
5	0.027B	0.004B	0B	0.226B	0.105B	24.1	4.74	2.20	0.861	0.655B	0.333B	0.157B	5
6	0.026B	0.003B	0B	0.208B	0.112B	21.0	4.43	2.15	0.865	0.615B	0.333B	0.149B	6
7	0.025B	0.003B	0B	0.195B	0.119B	18.7	4.24	2.08	0.869	0.590B	0.332B	0.140B	7
8	0.024B	0.002B	0B	0.182B	0.129B	16.9	3.98	1.99	0.873	0.595B	0.331B	0.131B	8
9	0.023B	0.002B	0B	0.172B	0.139B	16.3	3.75	1.85	0.873	0.610B	0.330B	0.123B	9
10	0.022B	0.001B	0B	0.161B	0.152B	16.2	3.38	1.80	0.872	0.605B	0.329B	0.115B	10
11	0.021B	0.001B	0B	0.152B	0.170B	15.8	3.46	1.76	0.867	0.589B	0.325B	0.107B	11
12	0.020B	0 B	0B	0.144B	0.198B	15.6	3.77	1.71	0.850	0.570B	0.321B	0.099B	12
13	0.019B	0 B	0B	0.136B	0.240B	15.1	3.97	1.65	0.847	0.540B	0.318B	0.091B	13
14	0.018B	0 B	0B	0.129B	0.300B	14.4	3.81	1.55	0.845	0.510B	0.312B	0.084B	14
15	0.018B	0 B	0B	0.123B	0.404B	13.3	3.96	1.45	0.849	0.480B	0.306B	0.077B	15
16	0.017B	0 B	0B	0.118B	0.700B	12.5	4.02	1.38	0.867	0.445B	0.300B	0.070B	16
17	0.016B	0 B	0B	0.113B	1.10 B	12.1	3.95	1.38	0.863	0.420B	0.295B	0.064B	17
18	0.015B	0 B	0B	0.107B	1.80 B	10.9	3.89	1.38	0.857	0.400B	0.289B	0.058B	18
19	0.015B	0 B	0B	0.103B	2.89 B	10.0	3.82	1.38	0.837	0.388B	0.282B	0.052B	19
20	0.014B	0 B	0B	0.099B	5.60 B	9.36	3.74	1.37	0.830	0.382B	0.276B	0.047B	20
21	0.014B	0 B	0B	0.096B	10.2 B	8.96	3.68	1.35	0.823	0.374B	0.269B	0.042B	21
22	0.013B	0 B	0B	0.093B	16.6 B	9.08	3.50	1.28	0.818	0.369B	0.260B	0.038B	22
23	0.012B	0 B	0B	0.091B	23.5 B	9.12	3.43	1.25	0.867	0.362B	0.252B	0.034B	23
24	0.011B	0 B	0B	0.089B	30.0 B	8.56	3.35	1.16	0.872	0.357B	0.246B	0.030B	24
25	0.010B	0 B	0B	0.087B	36.5 B	8.40	3.22	1.16	0.871	0.352B	0.238B	0.026B	25
26	0.009B	0 B	0B	0.086B	42.7	7.99	3.14	1.15	0.871	0.348B	0.230B	0.022B	26
27	0.009B	0 B	0B	0.086B	44.6	7.66	3.05	1.07	0.872	0.346B	0.221B	0.020B	27
28	0.008B	0 B	0B	0.086B	42.0	7.49	2.94	1.06	0.868	0.343B	0.214B	0.017B	28
29	0.008B		0B	0.086B	40.2	7.04	2.82	1.03	0.863	0.341B	0.207B	0.014B	29
30	0.007B		0B	0.087B	38.5	6.60	2.80	1.01	0.857	0.339B	0.200B	0.012B	30
31	0.006B		0B		36.2		2.69	1.00		0.336B		0.010B	31
TOTAL	0.553	0.036	0	3.916	374.236	446.56	119.94	49.23	26.127	15.448	8.691	2.545	TOTAL
MEAN	0.018	0.001	0	0.131	12.1	14.9	3.87	1.59	0.871	0.498	0.290	0.082	MEAN
MAX	0.035	0.006	0	0.259	43.6	34.3	6.16	2.59	0.977	0.851	0.337	0.191	MAX
MIN	0.006	0	0	0	0.089	6.60	2.69	1.00	0.818	0.338	0.200	0.010	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.87
MAXIMUM DAILY, 43.6 ON MAY 27
MINIMUM DAILY, 0B ON FEB 12
MAXIMUM INSTANTANEOUS,
44.7 AT 21:50 MST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 45 22 N
LONG 133 50 40 W
DRAINAGE AREA, 1 310 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	47.8	JUL	10 400
FEB	3.11	AUG	4 250
MAR	0	SEP	2 260
APR	338	OCT	1 330
MAY	32 300	NOV	751
JUN	38 600	DEC	220

TOTAL DISCHARGE, 90 500 dam³

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.6B	13.0B	11.3B	13.0B	100 B	283	239	525	242	107	28.0B	26.3B	1
2	17.5B	12.9B	11.2B	13.5B	96.0B	175	185	1 460	201	103	26.7B	26.0B	2
3	17.3B	12.8B	11.2B	14.5B	90.6B	118	147	626	177	108	25.5B	25.6B	3
4	17.0B	12.7B	11.2B	15.5B	116 B	97.1	124	405	165	106	24.5B	25.3B	4
5	16.7B	12.6B	11.1B	17.5B	154 B	99.0	107	305	152	101	24.2B	24.9B	5
6	16.5B	12.5B	11.1B	19.5B	190 B	167	95.5	242	147	91.1	24.5B	24.5B	6
7	16.2B	12.4B	11.1B	21.0B	219 B	203	86.4	450	157	82.6	24.5B	24.1B	7
8	16.1B	12.3B	11.0B	19.9B	213 B	252	82.9	1 070	157	78.1	24.5B	23.7B	8
9	15.8B	12.2B	11.0B	22.7B	206 B	314	81.8	507	151	80.8	29.0B	23.4B	9
10	15.6B	12.0B	11.0B	27.2B	200 B	248	84.0	348	155	82.9	29.5B	23.0B	10
11	15.3B	12.0B	11.0B	30.8B	194 B	173	84.4	277	176	77.8	29.6B	22.7B	11
12	15.2B	11.9B	10.9B	29.1B	177	140	73.3	235	170	68.0	29.7B	22.5B	12
13	15.0B	11.9B	10.9B	30.8B	187	196	73.7	212	164	71.1	29.4B	22.2B	13
14	14.8B	11.8B	10.9B	34.8B	191	172	103	198	227	71.2	29.3B	21.8B	14
15	14.7B	11.7B	10.8B	35.9B	173	133	164	177	324	70.1	29.2B	21.6B	15
16	14.6B	11.7B	10.8B	37.1B	161	152	141	165	291	66.2	29.0B	21.3B	16
17	14.5B	11.7B	10.7B	42.9B	171	473	128	197	246	60.9	28.8B	21.0B	17
18	14.4B	11.6B	10.7B	50.4B	177	357	124	287	211	54.7	28.6B	20.8B	18
19	14.3B	11.6B	10.7B	54.5B	169	288	111	246	184	49.0B	28.5B	20.4B	19
20	14.2B	11.6B	10.6B	63.4B	132	240	96.7	209	172	44.9B	28.3B	20.2B	20
21	14.1B	11.5B	10.6B	72.3B	121	225	85.5	178	158	39.5B	28.1B	19.8B	21
22	14.0B	11.5B	10.6B	78.0B	106	173	77.5	161	144	35.9B	27.9B	19.6B	22
23	13.9B	11.5B	10.5B	84.0B	190	139	75.5	173	137	38.0B	27.7B	19.3B	23
24	13.8B	11.4B	10.5B	90.0B	253	150	88.9	168	131	39.0B	27.6B	19.0B	24
25	13.7B	11.4B	10.5B	96.0B	297	536	97.8	153	124	38.0B	27.5B	18.7B	25
26	13.6B	11.4B	10.7B	95.0B	255	693	83.5	141	119	39.0B	27.3B	18.4B	26
27	13.5B	11.4B	10.9B	94.1B	252	417	80.8	132	121	37.0B	27.1B	18.2B	27
28	13.4B	11.3B	11.2B	106 B	307	286	146	126	115	35.4B	27.0B	17.8B	28
29	13.3B		11.5B	98.0B	411	247	167	149	114	33.8B	26.8B	17.6B	29
30	13.2B		12.0B	104 B	360	274	132	290	112	32.0B	26.5B	17.3B	30
31	13.1B		12.5B		339		113	294		29.5B		17.0B	31
TOTAL	462.9	334.3	340.7	1 511.4	6 207.6	7 420.1	3 479.2	10 106	5 144	1 971.5	830.8	664.0	TOTAL
MEAN	14.9	11.9	11.0	50.4	200	247	112	326	171	63.6	27.7	21.4	MEAN
MAX	17.6	13.0	12.5	106	411	693	239	1 460	324	108	29.7	26.3	MAX
MIN	13.1	11.3	10.5	13.0	90.6	97.1	73.3	126	112	29.5	24.2	17.0	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 1 460 ON AUG 02
MINIMUM DAILY, 10.5B ON MAR 23
MAXIMUM INSTANTANEOUS,
1 960 AT 02:24 MST ON AUG 02

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 34 N
LONG 123 25 49 W
DRAINAGE AREA, 9 820 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 000	JUL	301 000
FEB	28 900	AUG	873 000
MAR	29 400	SEP	444 000
APR	131 000	OCT	170 000
MAY	536 000	NOV	71 800
JUN	641 000	DEC	57 400

TOTAL DISCHARGE, 3 320 000 dam³

NORTHWEST TERRITORIES

SAHNDAA CREEK AT HIGHWAY NO. 1 - STATION NO. 10GC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.019B	0.008B	0.004B	0.001B	2.43B	3.58	3.15	3.66	3.09	1.75 E	0.380B	0.145B	1
2	0.018B	0.008B	0.004B	0.001B	1.17B	3.21	2.59	18.0	2.75	1.57 E	0.370B	0.140B	2
3	0.017B	0.008B	0.004B	0.001B	1.25B	2.74	2.01	27.4	2.44	1.41 E	0.360B	0.135B	3
4	0.016B	0.008B	0.004B	0.001B	2.49B	2.30	1.64	20.2	2.18	1.25 E	0.355B	0.130B	4
5	0.015B	0.008B	0.004B	0.001B	6.07B	2.77	1.39	15.0	2.22	1.07 E	0.345B	0.125B	5
6	0.015B	0.007B	0.003B	0.001B	7.50B	3.89	1.16	12.1	2.25	0.980E	0.335B	0.120B	6
7	0.014B	0.007B	0.003B	0.001B	10.0 B	5.02	1.09	18.1	2.26	0.950E	0.325B	0.115B	7
8	0.014B	0.007B	0.003B	0.001B	11.8	7.06	1.24	29.5	2.38	0.910E	0.315B	0.115B	8
9	0.013B	0.007B	0.003B	0.001B	11.3	7.63	0.978	24.3	2.33	0.880E	0.305B	0.110B	9
10	0.013B	0.007B	0.003B	0.001B	10.2	7.05	0.920	16.4	2.53	0.845E	0.300B	0.105B	10
11	0.012B	0.007B	0.003B	0.001B	9.02	5.86	0.848	11.6	3.69	0.815E	0.290B	0.100B	11
12	0.012B	0.007B	0.003B	0.001B	7.75	4.71	0.781	10.1	4.80	0.790E	0.280B	0.095B	12
13	0.011B	0.007B	0.003B	0.001B	6.95	3.80	1.02	8.05	5.23	0.760E	0.270B	0.090B	13
14	0.011B	0.007B	0.003B	0.001B	6.51	3.08	6.18	6.12	5.41	0.723E	0.260B	0.085B	14
15	0.010B	0.007B	0.002B	0.001B	5.79	2.54	12.4	4.95	5.67	0.694B	0.250B	0.080B	15
16	0.010B	0.007B	0.002B	0.001B	5.14	2.26	11.7	4.21	5.42	0.630B	0.240B	0.080B	16
17	0.010B	0.006B	0.002B	0.001B	4.56	2.24	10.2	3.90	4.91	0.610B	0.230B	0.075B	17
18	0.010B	0.006B	0.002B	0.005B	4.06	3.76	8.51	4.62	4.06	0.580B	0.225B	0.075B	18
19	0.010B	0.006B	0.002B	0.017B	3.80	4.55	6.69	4.38	3.60	0.560B	0.220B	0.070B	19
20	0.010B	0.006B	0.002B	0.066B	3.34	4.39	4.81	3.82	3.09	0.558B	0.210B	0.070B	20
21	0.009B	0.006B	0.002B	0.397B	2.83	4.16	3.67	2.92	2.75	0.530B	0.200B	0.065B	21
22	0.009B	0.006B	0.002B	0.642B	2.75	3.56	2.89	3.89	2.55	0.510B	0.195B	0.065B	22
23	0.009B	0.005B	0.002B	1.19 B	2.64	3.15	2.67	5.40	2.34	0.485B	0.190B	0.060B	23
24	0.009B	0.005B	0.001B	0.873B	2.83	3.06	2.70	6.14	2.10	0.465B	0.185B	0.055B	24
25	0.009B	0.005B	0.001B	0.692B	3.53	3.39	2.33	5.80	1.83	0.444B	0.180B	0.055B	25
26	0.008B	0.005B	0.001B	0.588B	3.69	4.38	1.98	4.95	1.76	0.435B	0.170B	0.050B	26
27	0.008B	0.005B	0.001B	0.917B	3.34	4.76	1.81	4.09	1.87	0.425B	0.165B	0.050B	27
28	0.008B	0.005B	0.001B	1.37 B	3.14	4.12	1.68	3.51	1.99E	0.415B	0.160B	0.045B	28
29	0.008B		0.001B	2.34 B	3.14	3.68	1.49	3.64	1.97E	0.405B	0.155B	0.045B	29
30	0.008B		0.001B	3.28 B	3.18	3.54	1.25	3.89	1.90E	0.400B	0.150B	0.040B	30
31	0.008B		0.001B		3.46		1.24	3.49		0.390B		0.040B	31
TOTAL	0.353	0.183	0.073	12.394	155.66	120.24	103.017	293.13	91.37	23.239	7.615	2.630	TOTAL
MEAN	0.011	0.007	0.002	0.413	5.02	4.01	3.32	9.46	3.05	0.750	0.254	0.085	MEAN
MAX	0.019	0.008	0.004	3.28	11.8	7.63	12.4	28.5	5.67	1.75	0.380	0.145	MAX
MIN	0.008	0.005	0.001	0.001	1.17	2.24	0.781	2.92	1.76	0.390	0.150	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.22
MAXIMUM DAILY, 28.5 ON AUG 08
MINIMUM DAILY, 0.001B ON MAR 24
MAXIMUM INSTANTANEOUS,
31.2 AT 10:20 MST ON AUG 08

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 03 43 N
LONG 122 12 36 W
DRAINAGE AREA, 251 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30.5	JUL	8 900
FEB	15.8	AUG	25 300
MAR	6.31	SEP	7 890
APR	1 070	OCT	2 010
MAY	13 400	NOV	658
JUN	10 400	DEC	227

TOTAL DISCHARGE, 69 900 dam³

SILVERBERRY RIVER NEAR LITTLE DAL LAKE - STATION NO. 10HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47 B	0.810B	0.570B	0.860B	2.82B	106	73.8	55.7	45.2	27.8	3.85B	2.72B	1
2	1.45 B	0.780B	0.570B	0.880B	2.84B	61.9	68.0	63.4	40.4	26.1	3.83B	2.67B	2
3	1.43 B	0.760B	0.560B	0.925B	3.12B	51.8	65.6	70.0	36.3	24.3	3.80B	2.62B	3
4	1.41 B	0.740B	0.560B	0.868B	3.55B	59.3	63.5	59.9	35.7	22.8	3.77B	2.57B	4
5	1.38 B	0.720B	0.550B	0.918B	3.65B	79.7	62.5	51.0	33.5	20.7	3.75B	2.52B	5
6	1.36 B	0.700B	0.550B	0.950B	3.46B	61.6	59.3	51.1	33.3	17.8	3.72B	2.47B	6
7	1.34 B	0.695B	0.550B	0.977B	3.36B	46.9	65.1	140	43.3	17.4	3.68B	2.42B	7
8	1.32 B	0.680B	0.550B	1.01 B	3.61B	39.1	73.6	117	40.7	19.4	3.66B	2.37B	8
9	1.30 B	0.670B	0.540B	1.04 B	3.62B	38.3	72.6	87.6	36.4	18.9	3.63B	2.32B	9
10	1.28 B	0.660B	0.540B	1.09 B	3.27B	47.9	64.7	68.6	35.6	17.0	3.60B	2.27B	10
11	1.26 B	0.660B	0.540B	1.14 B	3.22B	54.8	61.3	56.0	32.1	14.6 B	3.56B	2.21B	11
12	1.24 B	0.650B	0.530B	1.19 B	3.41B	71.3	49.3	51.8	30.6	12.9 B	3.53B	2.16B	12
13	1.22 B	0.650B	0.530B	1.24 B	3.48B	83.8	45.5	48.0	33.5	9.87B	3.50B	2.10B	13
14	1.19 B	0.650B	0.530B	1.26 B	3.45B	86.7	69.5	44.4	48.4	9.08B	3.47B	2.05B	14
15	1.17 B	0.640B	0.540B	1.29 B	3.94B	97.3	61.3	41.4	63.9	8.10B	3.44B	2.00B	15
16	1.15 B	0.640B	0.540B	1.31 B	4.49B	111	55.4	45.0	90.1	7.38B	3.40B	1.95B	16
17	1.13 B	0.640B	0.540B	1.42 B	4.79B	117	51.8	65.8	67.4	4.66B	3.36B	1.89B	17
18	1.11 B	0.640B	0.550B	1.56 B	5.10B	116	46.5	65.2	52.6	3.52B	3.32B	1.87B	18
19	1.09 B	0.630B	0.560B	1.83 B	5.24B	96.3	42.3	58.0	44.9	2.83B	3.27B	1.85B	19
20	1.06 B	0.630B	0.570B	2.11 B	5.62B	77.7	45.5	55.1	38.5	2.70B	3.23B	1.83B	20
21	1.05 B	0.620B	0.580B	2.21 B	6.67B	75.3	46.9	54.1	34.7	2.45B	3.18B	1.82B	21
22	1.03 B	0.620B	0.600B	2.42 B	9.23B	73.5	46.0	54.6	39.6	2.36B	3.14B	1.80B	22
23	1.00 B	0.610B	0.620B	2.59 B	11.3 B	73.2	47.8	49.5	73.7	2.33B	3.10B	1.79B	23
24	0.970B	0.610B	0.640B	2.68 B	11.4 B	79.2	44.7	44.6	94.6	2.40B	3.05B	1.77B	24
25	0.960B	0.600B	0.660B	2.47 B	10.8 B	72.5	41.6	39.9	65.8	2.60B	3.01B	1.75B	25
26	0.930B	0.590B	0.680B	2.39 B	13.4	83.5	39.7	36.1	49.9	2.81B	2.96B	1.73B	26
27	0.910B	0.590B	0.710B	2.28 B	17.6	84.6	37.7	33.2	40.6	3.13B	2.93B	1.71B	27
28	0.890B	0.580B	0.740B	2.24 B	30.4	85.4	34.5	36.9	37.0	3.40B	2.87B	1.69B	28
29	0.870B		0.760B	2.46 B	55.8	92.2	32.7	60.1	33.6	3.70B	2.84B	1.67B	29
30	0.850B		0.790B	2.77 B	92.5	80.8	35.2	60.7	30.5	3.90B	2.77B	1.66B	30
31	0.830B		0.820B		146		39.3	51.7		3.87B		1.64B	31
TOTAL	35.650	18.465	18.570	48.378	481.14	2 298.6	1 644.2	1 816.4	1 382.4	320.79	101.22	63.89	TOTAL
MEAN	1.15	0.660	0.599	1.61	15.5	76.6	53.0	58.6	46.1	10.3	3.37	2.06	MEAN
MAX	1.47	0.810	0.820	2.77	146	117	73.8	140	94.6	27.8	3.85	2.72	MAX
MIN	0.830	0.580	0.530	0.860	2.82	38.3	32.7	33.2	30.5	2.33	2.77	1.64	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.5
MAXIMUM DAILY, 146 ON MAY 31
MINIMUM DAILY, 0.530B ON MAR 12
MAXIMUM INSTANTANEOUS,
158 AT 04:55 MST ON MAY 31

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 45 56 N
LONG 126 41 32 W
DRAINAGE AREA, 1 420 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 080	JUL	142 000
FEB	1 600	AUG	157 000
MAR	1 600	SEP	119 000
APR	4 180	OCT	27 700
MAY	41 600	NOV	8 750
JUN	199 000	DEC	5 520

TOTAL DISCHARGE, 711 000 dam³

NORTHWEST TERRITORIES

SIURAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 06LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	110 B	26.8	10.6	4.06	4.62	0.810B	0.080B	1
2	0B	0B	0B	0B	0 B	217 B	24.8	9.89	4.06	4.02	0.760B	0.070B	2
3	0B	0B	0B	0B	0 B	190 B	22.1	10.2	4.25	3.57	0.740B	0.060B	3
4	0B	0B	0B	0B	0 B	170 B	20.2	10.3	4.37	3.05 B	0.710B	0.050B	4
5	0B	0B	0B	0B	0 B	153 B	18.5	10.0	4.34	2.75 B	0.680B	0.040B	5
6	0B	0B	0B	0B	0 B	139 B	17.2	9.67	4.10	2.55 B	0.660B	0.030B	6
7	0B	0B	0B	0B	0 B	120 B	15.7	9.14	4.17	2.40 B	0.630B	0.020B	7
8	0B	0B	0B	0B	0 B	109 B	14.5	9.11	3.89	2.28 B	0.610B	0.010B	8
9	0B	0B	0B	0B	0 B	98.6B	13.4	9.05	3.92	2.18 B	0.570B	0 B	9
10	0B	0B	0B	0B	0 B	89.4B	12.4	8.96	3.59	2.10 B	0.540B	0 B	10
11	0B	0B	0B	0B	0 B	81.1B	11.5	8.55	3.37	2.02 B	0.510B	0 B	11
12	0B	0B	0B	0B	0 B	73.5A	10.5	7.94	3.05	1.90 B	0.480B	0 B	12
13	0B	0B	0B	0B	0 B	62.2E	9.76	7.45	2.91	1.82 B	0.460B	0 B	13
14	0B	0B	0B	0B	0 B	52.6	9.23	7.08	2.85	1.75 B	0.420B	0 B	14
15	0B	0B	0B	0B	0 B	48.7	9.76	6.66	2.96	1.68 B	0.390B	0 B	15
16	0B	0B	0B	0B	0 B	45.4	10.6	6.19	3.11	1.60 B	0.370B	0 B	16
17	0B	0B	0B	0B	0 B	39.6	11.5	5.82	3.05	1.53 B	0.340B	0 B	17
18	0B	0B	0B	0B	0 B	36.3	11.8	5.18	3.38	1.48 B	0.310B	0 B	18
19	0B	0B	0B	0B	0 B	33.9	11.9	4.90	3.66	1.42 B	0.280B	0 B	19
20	0B	0B	0B	0B	0 B	31.4	11.4	4.77	3.67	1.37 B	0.260B	0 B	20
21	0B	0B	0B	0B	0 B	28.7	10.5	4.54	3.60	1.32 B	0.240B	0 B	21
22	0B	0B	0B	0B	0 B	26.6	10.3	4.39	3.59	1.25 B	0.220B	0 B	22
23	0B	0B	0B	0B	0.010B	25.7	9.78	4.06	3.62	1.18 B	0.200B	0 B	23
24	0B	0B	0B	0B	0.030B	24.2	9.02	3.82	3.66	1.13 B	0.180B	0 B	24
25	0B	0B	0B	0B	0.070B	23.1	8.25	3.90	3.71	1.09 B	0.160B	0 B	25
26	0B	0B	0B	0B	0.130B	21.4	7.68	3.89	3.91	1.05 B	0.140B	0 B	26
27	0B	0B	0B	0B	0.280B	20.1	7.07	3.83	4.22	1.00 B	0.130B	0 B	27
28	0B	0B	0B	0B	0.920B	19.0	8.84	3.79	4.36	0.960B	0.120B	0 B	28
29	0B		0B	0B	3.70 B	19.8	12.3	3.79	4.45	0.920B	0.110B	0 B	29
30	0B		0B	0B	11.0 B	24.8	12.3	3.72	4.61	0.880B	0.100B	0 B	30
31	0B		0B		29.0 B		11.6	3.92		0.840B		0 B	31
TOTAL	0	0	0	0	45.140	2 134.1	401.29	205.11	112.53	57.710	12.130	0.360	TOTAL
MEAN	0	0	0	0	1.46	71.1	12.9	6.62	3.75	1.86	0.404	0.012	MEAN
MAX	0	0	0	0	29.0	217	26.8	10.6	4.61	4.62	0.810	0.080	MAX
MIN	0	0	0	0	0	19.0	7.07	3.72	2.85	0.840	0.100	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.13
MAXIMUM DAILY, 217B ON JUN 02
MINIMUM DAILY, 0B ON JAN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 08 N
LONG 098 31 22 W
DRAINAGE AREA, 1 480 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	34 700
FEB	0	AUG	17 700
MAR	0	SEP	9 720
APR	0	OCT	4 990
MAY	3 900	NOV	1 050
JUN	184 000	DEC	31.1

TOTAL DISCHARGE, 256 000 dam³

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.590B	0.305B	0.076B	0B	0 B	1.00B	31.2	12.4	7.28	13.4	14.6	5.85B	1
2	0.580B	0.297B	0.068B	0B	0 B	2.00B	30.6	11.9	7.35	14.2	13.5	5.65B	2
3	0.570B	0.289B	0.060B	0B	0 B	6.50E	30.1	11.8	7.21	14.3	13.0	5.50B	3
4	0.560B	0.281B	0.052B	0B	0 B	9.50E	29.3	11.7	7.02	14.4	12.2	5.35B	4
5	0.550B	0.273B	0.044B	0B	0 B	12.8 A	29.0	11.4	7.09	14.4	11.8	5.20B	5
6	0.540B	0.266B	0.036B	0B	0 B	13.3	28.2	11.1	7.04	14.5	12.0	5.10B	6
7	0.530B	0.258B	0.028B	0B	0 B	13.7	27.7	10.7	6.96	14.5	11.4	4.97B	7
8	0.520B	0.250B	0.020B	0B	0 B	13.7	26.6	10.3	7.22	14.5	10.8	4.84B	8
9	0.510B	0.242B	0.012B	0B	0 B	14.0	25.7	10.1	7.08	14.5	10.6	4.71B	9
10	0.500B	0.234B	0 B	0B	0 B	13.8	25.2	9.92	7.14	14.5	10.4	4.55B	10
11	0.490B	0.226B	0 B	0B	0 B	13.5	24.1	9.80	7.15	14.4	10.1	4.44B	11
12	0.480B	0.218B	0 B	0B	0 B	13.4	23.3	9.74	7.15	14.4	9.94	4.34B	12
13	0.470B	0.210B	0 B	0B	0 B	13.1	22.5	9.46	7.20	13.3	9.87	4.24B	13
14	0.460B	0.203B	0 B	0B	0 B	13.1	22.2	9.11	7.20	13.3	9.20B	4.12B	14
15	0.450B	0.195B	0 B	0B	0 B	13.0	21.7	8.64	7.24	13.2	9.00B	4.00B	15
16	0.440B	0.187B	0 B	0B	0 B	13.1	20.9	8.32	7.29	12.8	8.75B	3.90B	16
17	0.430B	0.179B	0 B	0B	0 B	13.6	19.9	8.38	7.36	12.5	8.50B	3.80B	17
18	0.420B	0.171B	0 B	0B	0 B	14.7	19.0	8.31	7.47	12.3	8.25B	3.70B	18
19	0.410B	0.163B	0 B	0B	0 B	16.1	18.4	8.15	7.82	12.4	8.00B	3.60B	19
20	0.400B	0.155B	0 B	0B	0 B	17.4	17.7	8.29	7.98	12.3	7.80B	3.50B	20
21	0.392B	0.140B	0 B	0B	0 B	19.4	17.0	8.11	8.33	12.2	7.60B	3.40B	21
22	0.384B	0.132B	0 B	0B	0 B	21.6	16.6	8.07	8.45	12.1	7.40B	3.30B	22
23	0.376B	0.124B	0 B	0B	0 B	23.8	16.0	7.79	8.40	12.1	7.20B	3.20B	23
24	0.368B	0.116B	0 B	0B	0 B	25.6	15.4	7.65	8.72	12.0	7.00B	3.10B	24
25	0.360B	0.108B	0 B	0B	0 B	27.5	15.0	7.52	9.26	11.8	6.80B	3.00B	25
26	0.352B	0.100B	0 B	0B	0 B	29.0	14.9	7.56	9.52	11.6	6.65B	2.93B	26
27	0.344B	0.092B	0 B	0B	0.090B	29.9	14.4	7.51	10.1	10.3	6.50B	2.86B	27
28	0.336B	0.084B	0 B	0B	0.180B	30.8	13.9	7.47	11.1	9.44	6.30B	2.80B	28
29	0.329B		0 B	0B	0.330B	31.4	13.6	7.46	12.1	9.61	6.15B	2.73B	29
30	0.321B		0 B	0B	0.420B	31.8	13.2	7.42	12.7	12.7	6.00B	2.66B	30
31	0.313B		0 B		0.700B		12.8	7.34		15.0		2.60B	31
TOTAL	13.775	5.498	0.396	0	1.720	512.10	656.1	283.42	243.93	402.95	277.31	123.94	TOTAL
MEAN	0.444	0.196	0.013	0	0.056	17.1	21.2	9.14	8.13	13.0	9.24	4.00	MEAN
MAX	0.590	0.305	0.076	0	0.700	31.8	31.2	12.4	12.7	15.0	14.6	5.85	MAX
MIN	0.313	0.084	0	0	0	1.00	12.8	7.34	6.96	9.44	6.00	2.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.91
MAXIMUM DAILY, 31.8 ON JUN 30
MINIMUM DAILY, 0B ON MAR 10
MAXIMUM INSTANTANEOUS,
32.1 AT 06:34 MST ON JUL 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 31 19 N
LONG 117 16 26 W
DRAINAGE AREA, 2 040 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 190	JUL	56 700
FEB	475	AUG	24 500
MAR	34.2	SEP	21 100
APR	0	OCT	34 800
MAY	149	NOV	24 000
JUN	44 200	DEC	10 700

TOTAL DISCHARGE, 218 000 dam³

SNARE RIVER BELOW GHOST RIVER - STATION NO. 07SA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.9E	33.5	27.9	22.5	18.9E	25.5E	104	133	96.6	71.7	56.1	43.4	1
2	44.6E	33.2	27.7	22.5	19.0E	26.3E	107	131	95.7	70.8	55.3	42.8	2
3	44.3E	33.2	27.2	22.4	19.0E	27.1E	110	131	94.7	71.1	54.8	42.6	3
4	43.9E	32.8	27.3	22.3	19.1E	27.8E	114	130	94.7	70.9	54.4	42.4	4
5	43.6E	32.6	27.3	22.0	19.1E	28.5A	118	129	93.8	70.3	54.2	41.8	5
6	43.2E	32.4	27.1	21.7	19.2E	28.9	122	127	93.3	69.8	53.9	41.4	6
7	42.8E	32.2	26.9	21.3A	19.2E	29.6	126	124	92.5	69.1	53.2	41.4	7
8	42.5E	31.9	26.4	21.0E	19.3E	30.4	129	123	91.3	68.5	52.9	41.1	8
9	42.2E	31.6	26.2	20.8E	19.3A	31.4	131	122	90.6	68.0	52.5	40.7	9
10	41.8E	31.3	26.0	20.6E	19.4E	32.3	134	121	89.4	67.6	51.7	40.6	10
11	41.5E	31.2	25.8	20.5E	19.4E	33.7	135	121	88.3	67.0	50.9	40.3	11
12	41.1E	31.0	25.8	20.3E	19.5E	35.2	136	119	87.7	67.0	50.4	40.0	12
13	40.8E	30.9	25.8	20.2E	19.5E	37.0	138	118	86.5	66.4	50.2	39.8	13
14	40.4E	30.6	25.5	20.1E	19.6E	39.3	140	116	85.3	64.8	50.2	39.5	14
15	40.1E	30.4	25.4	20.0E	19.7E	42.0	143	114	84.4	64.4	49.8	39.0	15
16	39.7E	30.2	25.1	19.9E	19.8E	44.8	144	114	83.6	63.8	49.5	38.8	16
17	39.4A	30.0	24.8	19.8E	19.9E	47.6	143	113	82.8	63.1	49.3	38.6	17
18	39.3	29.7	24.8	19.6E	20.0E	51.1	143	111	82.0	62.6	48.7	38.1	18
19	39.2	29.7	24.5	19.5E	20.0E	54.9	143	111	81.8	62.1	48.2	37.7	19
20	39.4	29.6	24.1	19.4E	20.1E	59.0	143	108	81.2	61.6	47.5	37.7A	20
21	38.9	29.1	24.0	19.3E	20.2E	63.3	142	107	79.9	61.4	47.2	38.2	21
22	38.7	28.9	23.8	19.3E	20.4E	67.6	142	105	79.1	60.9	47.2	38.1	22
23	38.4	28.7	23.7	19.2E	20.6E	72.4	142	105	78.0	59.9	47.2	37.0	23
24	37.8	28.5	23.5	19.1E	20.8E	76.7	141	105	75.6	59.3	46.6	36.6	24
25	37.4	28.5	23.3	19.1E	21.0E	80.5	139	105	74.7	59.0	46.0	36.3	25
26	36.8A	28.3	23.1	19.1E	21.4E	84.9	137	104	74.2	58.9	45.3	36.1	26
27	35.7E	28.3	23.1	19.0E	21.9E	89.1	136	103	73.8	58.5	45.0	35.7	27
28	35.0E	28.2	22.9	19.0E	22.3E	93.1	135	102	74.2	57.5	44.8	35.1	28
29	34.2E		22.9	19.0E	21.1A	96.6	135	101	74.9	56.8	44.6	34.7	29
30	33.7A		22.7	18.9E	23.9A	100	136	99.5	73.4	57.4	44.2	34.4	30
31	33.5		22.5		24.7E		134	98.1		57.0		34.2	31
TOTAL	1 234.8	856.5	777.1	607.4	629.3	1 556.6	4 122	3 551.6	2 533.4	1 987.2	1 491.8	1 204.1	TOTAL
MEAN	39.8	30.6	25.1	20.2	20.3	51.9	133	115	84.4	64.1	49.7	38.8	MEAN
MAX	44.9	33.5	27.9	22.5	24.7	100	144	133	96.6	71.7	56.1	43.4	MAX
MIN	33.5	28.2	22.5	18.9	18.9	25.5	104	98.1	73.4	56.8	44.2	34.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.3
MAXIMUM DAILY, 144 ON JUL 16
MINIMUM DAILY, 18.9E ON APR 30
MAXIMUM INSTANTANEOUS,
144 AT 14:40 MST ON JUL 16

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 58 30 N
LONG 115 26 02 W
DRAINAGE AREA, 13 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	107 000	JUL	356 000
FEB	74 000	AUG	307 000
MAR	67 100	SEP	219 000
APR	52 500	OCT	172 000
MAY	54 400	NOV	129 000
JUN	134 000	DEC	104 000

TOTAL DISCHARGE, 1 780 000 dam³

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	8.00E	182	65.0	54.4	106	75.9	45.4B	33.8B	1
2	---	---	---	---	8.01E	200 E	65.9	55.0E	107	74.8	45.7B	33.4B	2
3	---	---	---	---	8.02E	215 E	66.5	55.6E	107	74.9	45.9B	32.8B	3
4	---	---	---	---	8.03E	220 E	67.3	56.0E	107	73.5	45.6B	32.5B	4
5	---	---	---	---	8.04E	210 E	67.6	58.3	107	72.4	45.2B	32.0B	5
6	---	---	---	---	8.06E	188 E	67.8	60.2	105	71.4	45.0B	31.6B	6
7	---	---	---	---	8.08E	176	67.2	61.5	104	70.6	45.0B	31.2B	7
8	---	---	---	---	8.10E	164	66.2	65.2	102	69.7	44.6B	30.8B	8
9	---	---	---	---	8.14E	153	65.3	63.6	100	69.1	44.1B	30.4B	9
10	---	---	---	---	8.16E	145	64.1	65.2	98.8	68.9	43.6B	30.0B	10
11	---	---	---	---	8.24E	136	62.4	66.8	97.0	67.1B	43.0B	29.6B	11
12	---	---	---	---	8.30E	129	60.6	69.9	95.0	64.3B	42.4B	29.2B	12
13	---	---	---	---	8.42E	120	60.7	72.5	92.6	58.9B	41.8B	28.8B	13
14	---	---	---	---	8.52A	114	59.5	73.6	91.2	54.4B	41.2B	28.4B	14
15	---	---	---	---	8.59	108	58.5	73.9	88.4	51.8B	40.6B	28.0B	15
16	---	---	---	---	8.81	103	57.1	73.8	88.7	51.5B	40.1B	27.7B	16
17	---	---	---	---	8.94	97.4	55.9	73.7	85.4	52.6B	39.6B	27.4B	17
18	---	---	---	---	8.86	92.2	55.4	72.5	85.7	53.8B	39.2B	27.0B	18
19	---	---	---	---	9.23	87.7	55.3	73.1	84.2	54.1B	38.8B	26.7B	19
20	---	---	---	---	9.40	83.6	55.5	71.8	81.3	54.5B	38.4B	26.4B	20
21	---	---	---	---	9.57	80.4	55.5	72.3	80.7	55.0B	38.0B	26.2B	21
22	---	---	---	---	9.82	77.4	55.9	72.5	80.4	55.0B	37.5B	26.0B	22
23	---	---	---	---	10.7	75.4	56.5	73.5	79.9	54.5B	37.0B	25.8B	23
24	---	---	---	---	13.4	73.0	56.0	73.6	78.7	54.2B	36.5B	25.5B	24
25	---	---	---	---	18.9	70.7	56.4	74.9	78.1	53.7B	36.0B	25.3B	25
26	---	---	---	---	27.9	68.4	56.4	78.0	78.0A	53.1B	35.5B	25.0B	26
27	---	---	---	---	44.6	66.7	56.7	82.6	77.6	52.7B	35.2B	24.6B	27
28	---	---	---	---	70.0	65.7	55.8	87.7	76.8	52.4B	34.8B	24.2B	28
29	---	---	---	---	115	65.2	54.9	93.8	76.0	49.5B	34.4B	24.0B	29
30	---		---	---	148	65.1	54.9	99.9	75.8	46.6B	34.2B	23.8B	30
31	---		---		165		54.2	104		45.4B		23.6B	31
TOTAL	---	---	---	---	800.88	3 631.8	1 857.0	2 229.4	2 715.3	1 857.3	1 214.3	871.7	TOTAL
MEAN	---	---	---	---	25.8	121	59.9	71.9	90.5	59.9	40.5	28.1	MEAN
MAX	---	---	---	---	165	220	67.8	104	107	75.9	45.9	33.8	MAX
MIN	---	---	---	---	8.00	65.1	54.2	54.4	75.8	45.4	34.2	23.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 220E ON JUN 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 10 21 N
LONG 109 51 39 W
DRAINAGE AREA, 9 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	160 000
FEB	---	AUG	193 000
MAR	---	SEP	235 000
APR	---	OCT	160 000
MAY	69 200	NOV	105 000
JUN	314 000	DEC	75 300

NORTHWEST TERRITORIES

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.0B	67.0B	64.1B	64.2B	236B	2 780	1 210	679	836	556	172B	134B	1
2	74.8B	66.8B	64.1B	64.2B	276B	2 460	1 100	889	727	539	178B	133B	2
3	74.4B	66.5B	64.0B	64.2B	325B	2 000	1 010	793	652	516	175B	132B	3
4	74.0B	66.2B	64.0B	64.2B	419B	1 440	973	727	602	495	158B	131B	4
5	73.8B	66.0B	64.0B	64.2B	463B	1 240	924	669	588	474	142B	130B	5
6	73.6B	65.6B	64.0B	64.4B	585B	1 130	895	631	620	450	127B	128B	6
7	73.4B	65.4B	64.0B	64.6B	503B	1 070	870	1 820	658	419	117B	127B	7
8	73.2B	64.7B	64.0B	64.8B	422	1 110	887	2 100	700	392	106B	126B	8
9	73.0B	64.3B	64.0B	64.9B	447	1 200	894	1 680	816	391	107B	125B	9
10	72.8B	64.3B	64.0B	65.0B	434	1 340	869	1 310	740	388	110B	124B	10
11	72.5B	64.3B	64.0B	65.4B	390	1 400	842	1 080	671	375	116B	123B	11
12	72.1B	64.3B	64.0B	65.8B	379	1 350	816	974	717	360	124B	122B	12
13	72.0B	64.3B	64.0B	66.0B	399	1 330	915	922	810	346	130B	121B	13
14	71.7B	64.3B	64.0B	66.2B	434	1 290	1 180	865	781	339	126B	119B	14
15	71.5B	64.3B	64.0B	66.7B	468	1 270	1 020	815	785	322	122B	118B	15
16	71.2B	64.2B	64.1B	67.2B	494	1 290	897	773	817	289	129B	117B	16
17	71.0B	64.2B	64.1B	68.1B	543	1 300	811	755	852	266B	125B	116B	17
18	70.7B	64.2B	64.1B	68.8B	585	1 290	775	791	876	234B	122B	115B	18
19	70.4B	64.2B	64.1B	70.0B	601	1 290	732	808	782	213B	124B	114B	19
20	70.0B	64.2B	64.1B	71.0B	611	1 140	701	807	705	217B	131B	113B	20
21	70.8B	64.2B	64.1B	74.0B	611	1 020	676	782	651	222B	144B	112B	21
22	70.6B	64.2B	64.1B	77.0B	746	976	681	819	611	229B	148B	110B	22
23	70.4B	64.2B	64.1B	81.0B	866	968	704	824	590	239B	144B	109B	23
24	70.2B	64.2B	64.1B	88.0B	937	1 070	709	780	654	233B	143B	108B	24
25	69.0B	64.2B	64.1B	98.0B	902	1 190	686	719	813	224B	142B	107B	25
26	68.7B	64.1B	64.2B	120 B	898	1 180	647	658	804	212B	140B	106B	26
27	68.3B	64.1B	64.2B	140 B	953	1 210	617	615	735	203B	139B	105B	27
28	68.0B	64.1B	64.2B	160 B	1 230	1 160	592	581	680	195B	138B	104B	28
29	67.8B		64.2B	178 B	1 450	1 110	567	565	621	186B	136B	103B	29
30	67.5B		64.2B	200 B	1 670	1 170	541	727	578	180B	135B	102B	30
31	67.2B		64.2B		2 260		547	919		169B		100B	31
TOTAL	2 209.6	1 812.3	1 986.4	2 535.9	21 560	39 774	25 288	27 877	21 472	9 872	4 050	3 634	TOTAL
MEAN	71.3	64.7	64.1	84.5	695	1 330	816	899	716	318	135	117	MEAN
MAX	75.0	67.0	64.2	200	2 260	2 780	1 210	2 100	876	556	178	134	MAX
MIN	67.2	64.1	64.0	64.2	236	968	541	565	578	169	106	100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 444
MAXIMUM DAILY, 2 780 ON JUN 01
MINIMUM DAILY, 64.0B ON MAR 03
MAXIMUM INSTANTANEOUS,
2 860 AT 05:12 MST ON JUN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 19 N
LONG 124 03 28 W
DRAINAGE AREA, 31 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	191 000	JUL	2 180 000
FEB	157 000	AUG	2 410 000
MAR	172 000	SEP	1 860 000
APR	219 000	OCT	853 000
MAY	1 860 000	NOV	350 000
JUN	3 440 000	DEC	314 000

TOTAL DISCHARGE, 14 000 000 dam³

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.8B	33.7B	32.2B	29.3B	50.0B	1 900	698	368	513	400	92.0B	63.9B	1
2	41.6B	33.4B	32.0B	29.1B	54.2B	1 910	660	390	437	382	94.3B	62.9B	2
3	41.2B	33.0B	31.6B	29.0B	56.7B	1 220	624	382	390	363	95.8B	62.3B	3
4	40.9B	32.6B	31.5B	28.9B	62.1B	813	607	373	360	343	83.0B	61.4B	4
5	40.5B	32.2B	31.3B	28.7B	71.3B	806	577	359	359	325	77.6B	60.6B	5
6	40.1B	32.6B	31.4B	28.9B	82.3B	929	552	351	407	304	73.0B	60.2B	6
7	40.0B	32.5B	31.5B	29.1B	98.0B	959	547	466	426	276	72.2B	59.8B	7
8	39.9B	32.7B	31.6B	29.2B	101	888	570	708	549	256	74.0B	59.4B	8
9	39.6B	32.7B	31.7B	29.8B	101	804	578	659	544	259	74.8B	58.7B	9
10	39.2B	32.6B	31.5B	29.5B	109	727	560	533	467	253	81.7B	58.6B	10
11	39.0B	32.6B	31.6B	29.9B	114	774	547	477	450	242	92.7B	58.8B	11
12	38.8B	32.6B	30.1B	30.0B	113	818	531	460	473	227	96.4B	58.6B	12
13	38.7B	32.6B	30.1B	30.1B	112	873	473	448	594	218	90.4B	57.7B	13
14	38.3B	32.5B	31.5B	30.5B	111	947	476	417	563	210 B	79.8B	57.4B	14
15	38.0B	32.5B	31.9B	30.9B	112	895	486	390	618	193 B	75.5B	57.3B	15
16	37.8B	32.5B	31.7B	31.4B	115	930	442	375	623	180 B	76.8B	57.0B	16
17	37.5B	32.5B	31.6B	32.1B	125	901	411	390	717	170 B	75.0B	56.5B	17
18	37.2B	32.5B	31.5B	32.7B	144	960	396	434	634	156 B	75.2B	56.2B	18
19	37.0B	32.5B	31.5B	33.9B	164	907	379	460	542	159 B	77.2B	56.0B	19
20	36.6B	32.5B	30.8B	35.8B	185	782	369	473	485	162 B	83.4B	55.8B	20
21	36.3B	32.4B	30.3B	36.6B	198	709	381	475	450	165 B	85.2B	55.5B	21
22	36.0B	32.4B	30.4B	37.5B	233	683	397	510	425	170 B	82.7B	55.3B	22
23	35.8B	32.4B	29.7B	39.4B	307	676	398	480	449	165 B	75.5B	55.0B	23
24	35.5B	32.4B	29.6B	41.9B	375	768	388	437	571	160 B	71.7B	54.8B	24
25	35.2B	32.4B	30.2B	43.4B	418	859	374	389	646	154 B	70.3B	54.5B	25
26	35.0B	32.1B	31.0B	43.5B	400	830	364	355	573	148 B	68.9B	54.2B	26
27	34.8B	32.1B	31.6B	43.6B	422	840	350	331	525	142 B	68.6B	54.0B	27
28	34.6B	32.8B	31.4B	44.6B	517	759	336	315	468	135 B	67.1B	53.8B	28
29	34.3B		30.9B	45.4B	706	729	325	468	428	128 B	65.6B	53.4B	29
30	34.1B		30.4B	47.8B	1 020	747	322	604	408	110 B	64.8B	53.2B	30
31	34.0B		29.9B		1 460		337	624		89.0B		53.0B	31
TOTAL	1 169.3	912.3	964.0	1 032.5	8 136.6	27 343	14 455	13 801	15 194	6 644.0	2 361.2	1 775.8	TOTAL
MEAN	37.7	32.6	31.1	34.4	262	911	466	445	506	214	78.7	57.3	MEAN
MAX	41.8	33.7	32.2	47.8	1 460	1 910	698	708	717	400	96.4	63.9	MAX
MIN	34.0	32.1	29.6	28.7	50.0	676	322	315	359	89.0	64.8	53.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 257
MAXIMUM DAILY, 1 910 ON JUN 02
MINIMUM DAILY, 28.7B ON APR 05
MAXIMUM INSTANTANEOUS,
2 000 AT 04:57 MST ON JUN 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 38 33 N
LONG 125 48 13 W
DRAINAGE AREA, 14 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	1 250 000
FEB	78 800	AUG	1 190 000
MAR	83 300	SEP	1 310 000
APR	89 200	OCT	574 000
MAY	703 000	NOV	204 000
JUN	2 360 000	DEC	153 000

TOTAL DISCHARGE, 8 100 000 dam³

NORTHWEST TERRITORIES

SYLVIA GRINNELL RIVER NEAR IQALUIT - STATION NO. 10UH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.427B	0B	0B	0B	0 B	0.540B	289	59.4	61.1	30.0	3.28B	1.14 B	1
2	0.395B	0B	0B	0B	0 B	0.625B	275	58.2	58.4	26.8	3.13B	1.11 B	2
3	0.353B	0B	0B	0B	0 B	0.795B	257	59.6	55.6	23.7	2.99B	1.07 B	3
4	0.310B	0B	0B	0B	0 B	0.950B	254	144	53.8	19.7 B	2.85B	1.04 B	4
5	0.280B	0B	0B	0B	0 B	1.16 B	249	148	58.5	17.9 B	2.72B	1.00 B	5
6	0.260B	0B	0B	0B	0 B	1.38 B	228	112	64.7	16.5 B	2.62B	0.967B	6
7	0.240B	0B	0B	0B	0 B	1.66 B	226	89.6	63.3	15.3 B	2.52B	0.933B	7
8	0.220B	0B	0B	0B	0 B	2.20 B	212	78.7	59.9	14.1 B	2.45B	0.900B	8
9	0.200B	0B	0B	0B	0 B	2.95 B	195	122	55.6	13.1 B	2.37B	0.870B	9
10	0.180B	0B	0B	0B	0 B	3.90 B	188	259	51.4	12.2 B	2.30B	0.840B	10
11	0.158B	0B	0B	0B	0 B	5.40 B	174	257	49.5	11.3 B	2.22B	0.816B	11
12	0.136B	0B	0B	0B	0 B	7.20 B	163	225	48.9	10.7 B	2.17B	0.792B	12
13	0.114B	0B	0B	0B	0 B	9.60 B	167	183	48.6	9.85B	2.10B	0.768B	13
14	0.092B	0B	0B	0B	0 B	13.2 B	151	144	46.8	9.15B	2.03B	0.744B	14
15	0.070B	0B	0B	0B	0 B	17.0 B	135	118	45.0	8.55B	1.97B	0.720B	15
16	0.060B	0B	0B	0B	0 B	22.5 B	122	102	42.1	8.10B	1.90B	0.705B	16
17	0.050B	0B	0B	0B	0 B	32.0 B	108	94.8	40.3	7.64B	1.84B	0.690B	17
18	0.040B	0B	0B	0B	0 B	40.0 B	96.2	86.7	43.7	7.19B	1.77B	0.665B	18
19	0.030B	0B	0B	0B	0 B	54.0 B	88.7	79.7	51.1	6.73B	1.70B	0.640B	19
20	0.020B	0B	0B	0B	0 B	72.0 B	82.8	74.8	55.9	6.28B	1.64B	0.615B	20
21	0.013B	0B	0B	0B	0 B	96.0 B	79.0	72.7	55.5	5.96B	1.59B	0.600B	21
22	0.007B	0B	0B	0B	0 B	132 B	75.6	77.1	53.3	5.64B	1.54B	0.587B	22
23	0 B	0B	0B	0B	0 B	175 B	73.2	79.9	49.0	5.32B	1.48B	0.574B	23
24	0 B	0B	0B	0B	0 B	243	72.4	77.6	43.2	5.00B	1.43B	0.561B	24
25	0 B	0B	0B	0B	0.040B	267	77.5	73.7	42.5	4.68B	1.38B	0.550B	25
26	0 B	0B	0B	0B	0.080B	309	86.6	68.9	39.8	4.47B	1.34B	0.542B	26
27	0 B	0B	0B	0B	0.160B	345	84.5	65.6	37.0	4.26B	1.30B	0.533B	27
28	0 B	0B	0B	0B	0.200B	341	78.2	66.4	34.5	4.06B	1.26B	0.525B	28
29	0 B		0B	0B	0.260B	317	69.5	70.0	30.1	3.85B	1.22B	0.517B	29
30	0 B		0B	0B	0.330B	301	65.3	68.0	29.4	3.64B	1.18B	0.508B	30
31	0 B		0B		0.425B		62.1	64.4		3.43B		0.500B	31
TOTAL	3.655	0	0	0	1.495	2 815.060	4 484.6	3 279.8	1 468.5	324.60	60.29	23.022	TOTAL
MEAN	0.118	0	0	0	0.048	93.8	145	106	49.0	10.5	2.01	0.743	MEAN
MAX	0.427	0	0	0	0.425	345	289	259	64.7	30.0	3.28	1.14	MAX
MIN	0	0	0	0	0	0.540	62.1	58.2	29.4	3.43	1.18	0.500	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.1
MAXIMUM DAILY, 345 ON JUN 27
MINIMUM DAILY, 0B ON JAN 23
MAXIMUM INSTANTANEOUS,
371 AT 18:56 EST ON JUN 27

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 45 38 N
LONG 068 35 02 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	316	JUL	387 000
FEB	0	AUG	283 000
MAR	0	SEP	127 000
APR	0	OCT	28 000
MAY	129	NOV	5 210
JUN	243 000	DEC	1 990

TOTAL DISCHARGE, 1 080 000 dam³

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.8B	24.4B	21.1B	20.1B	20.3B	85.2	88.5	76.0	70.0	80.7	70.4B	56.4B	1
2	29.6B	24.2B	21.1B	20.1B	20.3B	87.9	88.1	76.9	69.8	79.9	70.9B	56.0B	2
3	29.4B	24.0B	21.0B	20.1B	20.4B	90.2	88.1	76.7	70.6	79.2	70.8B	55.7B	3
4	29.2B	23.8B	21.0B	20.1B	20.4B	92.6	87.9	75.1	71.1	78.3	70.3B	55.4B	4
5	29.0B	23.6B	21.0B	20.1B	20.5B	94.4	88.5	75.2	71.4	77.7	69.4B	55.0B	5
6	28.8B	23.4B	20.0B	20.0B	20.6B	95.9	89.0	74.2	70.6	77.4	68.5B	54.7B	6
7	28.6B	23.2B	20.9B	20.0B	20.7B	98.6	87.6	73.1	71.8	76.9	67.9B	54.4B	7
8	28.4B	23.0B	20.9B	20.0B	20.8B	99.2	87.2	73.2	72.2	76.7	67.3B	54.2B	8
9	28.2B	23.8B	20.9B	20.0B	20.9B	101	86.6	70.8	71.9	77.3	66.5B	54.0B	9
10	28.0B	23.6B	20.8B	20.0B	21.0B	103	85.6	69.5	72.3	78.7	65.0B	53.6B	10
11	27.8B	22.5B	20.8B	19.9B	21.1B	102	84.8	68.8	72.1	77.3	63.6B	53.2B	11
12	27.7B	22.4B	20.8B	19.9B	21.2B	101	84.5	68.4	71.6	76.0	62.5B	52.8B	12
13	27.5B	22.3B	20.7B	19.9B	21.4B	100	83.8	67.0	71.9	71.6	62.0B	52.4B	13
14	27.4B	22.2B	20.7B	19.9B	21.6B	99.3	82.9	66.3	72.7	71.0	61.6B	52.0B	14
15	27.2B	22.1B	20.7B	19.9B	21.8B	97.5	83.3	64.8	73.1	73.7B	61.6B	51.6B	15
16	27.0B	22.0B	20.6B	20.0B	22.1B	95.8	82.0	63.7	74.3	74.4B	61.5B	51.2B	16
17	26.9B	21.9B	20.6B	20.0B	23.3B	93.9	82.3	62.3	75.3	75.4B	61.4B	50.8B	17
18	26.7B	21.9B	20.6B	20.0B	24.2B	92.8	83.3	61.2	77.0	75.7B	61.2B	50.5B	18
19	26.6B	21.9B	20.5B	20.0B	25.1B	92.7	83.1	61.1	76.7	75.2B	61.8B	50.2B	19
20	26.4B	21.7B	20.5B	20.0B	26.1B	91.7	83.3	59.8	76.6	74.8B	60.0B	50.0B	20
21	26.2B	21.6B	20.5B	20.1B	27.9B	90.6	83.4	60.4	77.1	74.4B	59.7B	49.6B	21
22	26.0B	21.6B	20.4B	20.1B	32.0	89.0	84.1	59.7	77.3	73.8B	59.5B	49.3B	22
23	25.9B	21.5B	20.4B	20.1B	39.8	88.0	84.0	60.4	77.9	73.3B	59.3B	48.9B	23
24	25.7B	21.4B	20.4B	20.1B	46.8	85.6	82.9	59.8	77.9	72.3B	59.0B	48.5B	24
25	25.6B	21.3B	20.3B	20.1B	58.6	83.6	82.0	61.1	78.2	71.8E	58.7B	48.2B	25
26	25.4B	21.3B	20.3B	20.2B	68.4	82.2	81.2	63.5	79.0	72.0B	58.4B	47.8B	26
27	25.2B	21.2B	20.3B	20.2B	75.2	81.9	81.0	65.2	78.9	68.9B	58.0B	47.5B	27
28	25.0B	21.2B	20.2B	20.2B	77.3	83.7	80.1	66.3	78.5	66.6B	57.6B	47.1B	28
29	24.9B		20.2B	20.2B	79.2	85.0	78.4	67.4	78.9	63.6B	57.2B	46.7B	29
30	24.7B		20.2B	20.2B	81.8	87.5	77.1	69.0	81.2	67.0B	56.8B	46.4B	30
31	24.6B		20.1B		84.5		76.8	69.7		70.0B		46.0B	31
TOTAL	839.4	628.9	638.5	601.5	1 107.3	2 771.8	2 601.2	2 086.6	2 237.9	2 301.6	1 889.4	1 590.1	TOTAL
MEAN	27.1	22.5	20.6	20.1	35.7	92.4	83.9	67.3	74.6	74.2	63.0	51.3	MEAN
MAX	29.8	24.4	21.1	20.2	84.5	103	89.0	76.9	81.2	80.7	70.9	56.4	MAX
MIN	24.6	21.2	20.0	19.9	20.3	81.9	76.8	59.7	69.8	63.6	56.8	46.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.9
MAXIMUM DAILY, 103 ON JUN 10
MINIMUM DAILY, 19.9B ON APR 11
MAXIMUM INSTANTANEOUS,
105 AT 19:26 MST ON JUN 09

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 30 N
LONG 107 40 30 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72 500	JUL	225 000
FEB	54 300	AUG	180 000
MAR	55 200	SEP	193 000
APR	52 000	OCT	199 000
MAY	95 700	NOV	163 000
JUN	239 000	DEC	137 000

TOTAL DISCHARGE, 1 670 000 dam³

NORTHWEST TERRITORIES

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	151	134	120	103	112	144	159E	185	192	180E	201E	212
2	151	134	119	103	114	145	160E	185	192	180E	202E	212
3	150	133	119	102	117	147	160E	185	191	180E	204E	212
4	150	132	118	102	120	148A	161E	187	191	180E	206E	214
5	149	132	118	101	122	148E	162E	187	191	180E	208E	214
6	149	132	118	101	123	149E	163E	187	191	180E	209E	214
7	148	132	118	101	125	149E	165E	187	191	180E	210E	215
8	148	132	117	100	128	150E	166E	188	190	180E	210E	215
9	148	132	116	100	127	151E	167A	189	189	181E	211A	214
10	148	131	116	99.6	126	151E	169	188	189	182E	210	214
11	147	131	115	99.7	128	152E	171	189	188	182E	210	215
12	146	130	115	98.5	131	152E	172	189	187	183E	210	215
13	145	130	114	97.7	133	153E	173	189	187	184E	211	214
14	144	130	114	97.0	134	154E	174	189	187	185E	212	213
15	144	129	114	95.9	136	154E	175	189	187	186E	212	212
16	143	129	113	94.9	137	154E	176	189	186	187E	213	212
17	143	128	112	94.9	138	154E	176	188	185	188E	213	212
18	142	127	112	95.0	138	154E	176	188	185	189E	213	211
19	142	127	111	95.2	138	155E	177	188	185	190E	213	211
20	143	127	111	95.7	138	155E	177	188	185	191E	213	211
21	141	125	111	95.9	139	155E	178	188	185	192E	214	211
22	140	125	111	97.2	139	156E	179	188	185A	193E	215	211
23	140	124	110	98.2	140	156E	180	190	184E	194E	215	210
24	139	123	109	99.0	141	156E	180	192	183E	195E	214	208
25	139	123	108	99.9	142	157E	181	191	183E	196E	213	208
26	139	122	106	101	142	157E	183	191	182E	197E	213	208
27	139	122	106	103	142	158E	183	191	182E	198E	214	207
28	137	122	106	106	143	158E	183	192	181E	199E	214	206
29	136		106	108	144	159E	183	192	181E	200E	214	205
30	136		104	110	144	159E	184	192	180E	200E	213	205
31	135		103		144		184	192		201E		204
TOTAL	4 452	3 598	3 490	2 995.3	4 125	4 590	5 376	5 853	5 595	5 833	6 330	6 545
MEAN	144	129	113	99.8	133	153	173	189	187	188	211	211
MAX	151	134	120	110	144	159	184	192	192	201	215	215
MIN	135	122	103	94.9	112	144	159	185	180	180	201	204

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 161
MAXIMUM DAILY, 215 ON NOV 22
MINIMUM DAILY, 94.9 ON APR 16
MAXIMUM INSTANTANEOUS,
216 AT 17:18 MST ON NOV 22

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 59 N
LONG 111 56 49 W

DRAINAGE AREA 58 700 km²

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1965

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	385 000	JUL	464 000
FEB	311 000	AUG	506 000
MAR	302 000	SEP	483 000
APR	259 000	OCT	504 000
MAY	356 000	NOV	547 000
JUN	397 000	DEC	565 000

TOTAL DISCHARGE, 5 080 000 dam

THA-ANNE RIVER BELOW ROSEBLADE LAKE - STATION NO. 06HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.4B	11.0 B	7.00B	4.20B	3.10B	26.2B	377	288	203	161	36.2B	15.5 B
2	19.9B	10.9 B	6.80B	4.20B	3.10B	35.4B	379	280	197	159	35.0B	14.9 B
3	19.5B	10.8 B	6.70B	4.10B	3.10B	52.0B	374	278	196	159	33.7B	14.6 B
4	19.1B	10.6 B	6.60B	4.10B	3.10B	72.4B	372	275	196	160	32.6B	14.2 B
5	18.7B	10.4 B	6.50B	4.00B	3.10B	106 B	371	270	194	144	31.7B	13.9 B
6	18.2B	10.3 B	6.40B	4.00B	3.10B	148 B	370	275	190	133	30.4B	13.6 B
7	17.8B	10.1 B	6.30B	4.00B	3.10B	198 B	366	274	187	127 B	29.5B	13.3 B
8	17.5B	10.0 B	6.20B	4.00B	3.10B	254	365	280	198	119 B	28.6B	13.0 B
9	17.2B	9.70B	6.10B	3.90B	3.10B	264	360	280	197	111 B	27.8B	12.8 B
10	16.9B	9.50B	6.10B	3.90B	3.00B	290	355	278	193	105 B	27.0B	12.5 B
11	16.5B	9.30B	6.00B	3.90B	3.00B	296	347	273	190	97.8B	26.3B	12.1 B
12	16.0B	9.10B	6.00B	3.90B	3.00B	303	342	266	186	92.2B	25.5B	11.9 B
13	15.6B	8.90B	5.90B	3.90B	3.00B	317	337	263	179	87.3B	24.8B	11.7 B
14	15.2B	8.80B	5.80B	3.80B	3.00B	317	336	263	176	82.5B	24.2B	11.5 B
15	14.9B	8.70B	5.70B	3.80B	3.00B	321	338	261	173	78.0B	23.6B	11.3 B
16	14.6B	8.60B	5.60B	3.80B	3.00B	325	337	262	169	73.7B	22.8B	11.1 B
17	14.4B	8.50B	5.50B	3.70B	3.00B	323	334	260	167	69.7B	22.5B	10.9 B
18	14.0B	8.40B	5.40B	3.70B	3.00B	321	329	258	168	66.5B	21.8B	10.7 B
19	13.8B	8.30B	5.30B	3.65B	3.00B	334	325	258	173	63.2B	21.4B	10.5 B
20	13.5B	8.10B	5.20B	3.61B	3.00B	323	319	231	169	60.5B	20.9B	10.3 B
21	13.1B	8.00B	5.10B	3.50B	3.00B	339	312	225	165	57.4B	20.4B	10.1 B
22	12.8B	7.90B	5.00B	3.40B	3.10B	341	305	220	161	54.6B	19.9B	9.90B
23	12.5B	7.70B	4.90B	3.30B	3.30B	349	299	217	159	52.6B	19.2B	9.80B
24	12.2B	7.60B	4.80B	3.30B	3.50B	354	291	219	156	50.0B	18.7B	9.60B
25	12.0B	7.50B	4.70B	3.20B	3.80B	364	285	213	154	48.2B	18.2B	9.40B
26	11.9B	7.40B	4.60B	3.20B	4.40B	370	277	212	161	45.7B	17.7B	9.20B
27	11.8B	7.30B	4.50B	3.20B	5.60B	372	274	209	162	44.0B	17.3B	9.10B
28	11.7B	7.20B	4.50B	3.20B	6.50B	370	279	212	161	42.3B	16.8B	9.00B
29	11.6B		4.40B	3.20B	7.90B	371	303	210	156	40.7B	16.5B	8.90B
30	11.4B		4.30B	3.20B	9.60B	377	304	207	156	39.3B	15.9B	8.80B
31	11.2B		4.30B		15.0 B		298	206		37.7B		8.70B
TOTAL	465.9	250.60	172.20	110.86	126.60	8 233.0	10 262	7 693	5 292	2 661.9	726.9	352.80
MEAN	15.0	8.95	5.55	3.70	4.08	274	331	248	176	85.9	24.2	11.4
MAX	20.4	11.0	7.00	4.20	15.0	377	379	288	203	161	36.2	15.5
MIN	11.2	7.20	4.30	3.20	3.00	26.2	274	206	154	37.7	15.9	8.70

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 99.6
MAXIMUM DAILY, 379 ON JUL 02
MINIMUM DAILY, 3.00B ON MAY 10

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 00 16 N
LONG 097 01 41 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40 300	JUL	887 000
FEB	21 700	AUG	665 000
MAR	14 900	SEP	457 000
APR	9 580	OCT	230 000
MAY	10 900	NOV	62 800
JUN	711 000	DEC	30 500

TOTAL DISCHARGE, 3 140 000 dam³

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 06JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.0B	42.0B	32.2B	32.9B	44.1B	110B	1 140	656	819	760	95.3B	54.0B	1
2	73.5B	41.4B	32.1B	33.1B	44.8B	210B	1 120	630	835	711	92.3B	53.6B	2
3	72.0B	40.7B	31.9B	33.3B	45.5B	460B	1 090	611	837	649	89.6B	52.8B	3
4	70.7B	40.1B	31.8B	33.5B	46.0B	900B	1 030	591	834	617	87.2B	52.2B	4
5	69.3B	39.5B	31.7B	33.7B	46.4B	1 600B	965	579	820	573	84.5B	51.8B	5
6	68.0B	38.9B	31.6B	34.0B	47.0B	3 400	915	570	809	467	82.5B	51.1B	6
7	66.6B	38.4B	31.5B	34.3B	47.7B	3 380	874	552	786	412	80.3B	50.4B	7
8	65.3B	37.8B	31.4B	34.5B	48.3B	3 270	833	558	814	421	78.5B	50.1B	8
9	63.9B	37.3B	31.3B	34.8B	49.0B	3 210	795	570	833	509	76.6B	49.8B	9
10	62.6B	36.7B	31.2B	35.1B	49.6B	3 140	760	596	811	494	74.7B	49.4B	10
11	61.4B	36.3B	31.2B	35.4B	50.2B	3 260	727	615	783	450	73.4B	48.8B	11
12	60.2B	36.0B	31.1B	35.8B	50.9B	3 460	695	627	760	406	71.8B	48.2B	12
13	59.1B	35.6B	31.1B	36.1B	51.5B	3 360	656	622	723	383	70.3B	47.8B	13
14	57.9B	35.3B	31.0B	36.5B	52.2B	3 090	623	610	699	314	69.0B	47.6B	14
15	56.7B	34.9B	31.0B	36.8B	52.8B	2 730	605	590	680	264	67.5B	47.2B	15
16	55.7B	34.7B	31.0B	37.2B	53.5B	2 380	601	574	667	259	66.4B	46.5B	16
17	54.7B	34.4B	31.1B	37.6B	54.2B	2 130	668	573	636	240 B	65.5B	46.2B	17
18	53.6B	34.2B	31.1B	37.9B	55.0B	1 960	815	565	631	217 B	64.2B	46.0B	18
19	52.6B	33.9B	31.2B	38.3B	55.8B	1 870	948	563	662	197 B	63.3B	45.7B	19
20	51.6B	33.7B	31.2B	38.7B	56.5B	1 830	1 010	571	648	182 B	62.3B	45.4B	20
21	50.7B	33.5B	31.3B	39.1B	57.5B	1 780	998	587	635	169 B	61.5B	44.8B	21
22	49.8B	33.3B	31.4B	39.5B	58.5B	1 690	961	601	635	157 B	60.3B	44.2B	22
23	48.9B	33.1B	31.5B	39.9B	59.4B	1 640	913	601	6[illegible]9	147 B	59.7B	44.2B	23
24	48.0B	32.9B	31.6B	40.3B	60.4B	1 630	861	595	6[illegible]5	138 B	59.0B	43.9B	24
25	47.1B	32.7B	31.7B	40.7B	61.4B	1 560	812	596	698	129 B	58.2B	43.8B	25
26	46.4B	32.6B	31.9B	41.2B	62.3B	1 450	771	629	719	122 B	57.5B	43.5B	26
27	45.6B	32.4B	32.0B	41.8B	63.2B	1 320	761	703	752	117 B	56.6B	43.1B	27
28	44.9B	32.3B	32.2B	42.3B	64.5B	1 210	744	764	781	111 B	56.1B	42.7B	28
29	44.1B		32.4B	42.9B	66.6B	1 140	738	802	783	107 B	55.5B	42.3B	29
30	43.4B		32.5B	43.4B	69.7B	1 130	716	816	757	102 B	54.7B	42.1B	30
31	42.6B		32.7B		75.8B		683	813		99.0B		41.9B	31
TOTAL	1 761.9	1 004.6	978.9	1 120.6	1 700.4	60 300	25 830	19 330	22 131	9 923.0	2 094.3	1 461.2	TOTAL
MEAN	56.8	35.9	31.6	37.4	54.9	2 010	833	624	738	320	69.8	47.1	MEAN
MAX	75.0	42.0	32.7	43.4	75.8	3 460	1 140	816	837	760	95.3	54.0	MAX
MIN	42.6	32.3	31.0	32.9	44.1	110	601	552	629	99.0	54.7	41.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 404
MAXIMUM DAILY, 3 460 ON JUN 12
MINIMUM DAILY, 31.0B ON MAR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 31 53 N
LONG 101 21 53 W
DRAINAGE AREA, 65 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	152 000	JUL	2 230 000
FEB	86 800	AUG	1 670 000
MAR	84 600	SEP	1 910 000
APR	96 800	OCT	857 000
MAY	147 000	NOV	181 000
JUN	5 210 000	DEC	126 000

TOTAL DISCHARGE, 12 800 000 dam³

THELON RIVER BELOW OUTLET OF SCHULTZ LAKE - STATION NO. 06MA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	529A	497E	468	460	527	554	3 230	2 000	1 440	1 400	922	622	1
2	527	493E	470	463	523	553	3 210	1 970	1 440	1 420A	914	620E	2
3	527	490E	461	468	526	556	3 190	1 950	1 450	1 410	906	614A	3
4	527	487E	458	468	526	562	3 160	1 920	1 450	1 380	896	614	4
5	527	483E	455	466	530	575	3 120	1 900	1 460	1 370	885	636	5
6	528	480E	457	464	535	598	3 070	1 880	1 460	1 380	876	629	6
7	530	476E	455	472	540	627	3 030	1 830	1 470	1 390	866	623A	7
8	532	472E	451	476	544	657	2 980	1 800	1 460	1 390	854	618	8
9	531	468A	460	477	545	700A	2 930	1 770	1 470	1 370	828	621	9
10	533	468	466	476	547	769	2 870	1 740	1 480	1 350	777	613	10
11	532	468	461	481	549	867	2 810	1 720	1 460	1 320	700	608A	11
12	534	468	455	485	550	999	2 760	1 690	1 470	1 310	601	593A	12
13	531	468	452	486	551	1 160	2 700	1 660	1 460	1 300	525	587	13
14	531	468	456	484	551	1 350	2 630	1 630	1 460	1 280	505	583	14
15	533	467	456	487	548	1 570	2 570	1 600	1 460	1 260	517	581	15
16	540	465	458	489	549	1 790	2 490	1 590	1 470	1 240	527	556	16
17	537	464	464	491	549	2 020	2 450	1 580	1 450	1 210	540	520	17
18	534	475	457	492	550	2 220	2 420	1 570	1 430	1 190	559	521	18
19	535	471	463	493	551	2 390	2 370	1 550	1 430	1 170	572	521	19
20	530A	473	461	498	551	2 560	2 330	1 530	1 440	1 150	581	521	20
21	528E	476	461	501	553	2 690	2 290	1 530	1 440A	1 130	591	537	21
22	525E	477	458	497	548	2 810	2 250	1 510	1 450	1 110	606	544	22
23	523E	475	454	506	550	2 920	2 230	1 490	1 450	1 100	616A	545	23
24	520E	472	464	513	547	3 020	2 200	1 470	1 440	1 080	615	545	24
25	518E	466	461	511	550	3 090	2 170	1 470	1 430	1 060	619	545	25
26	514E	471	461	507	555	3 160	2 120	1 470	1 430	1 050	618	545	26
27	510E	462	457	507	556	3 190	2 100	1 450	1 420	1 040	620A	545	27
28	508E	460	458	510	561	3 220	2 080	1 440	1 440	1 010	620	545	28
29	505E		460	515	557	3 220	2 050	1 440	1 440	986	620A	545	29
30	503E		465	518	560	3 240	2 040	1 440	1 420	962	621	545	30
31	500E		463		561		2 020	1 440		937		545E	31
TOTAL	16 282	13 260	14 246	14 661	16 940	53 637	79 870	51 030	43 470	37 755	20 497	17 787	TOTAL
MEAN	525	474	460	489	546	1 790	2 580	1 650	1 450	1 220	683	574	MEAN
MAX	540	497	470	518	561	3 240	3 230	2 000	1 480	1 420	922	636	MAX
MIN	500	460	451	460	523	553	2 020	1 440	1 420	937	505	520	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 040
MAXIMUM DAILY, 3 240 ON JUN 30
MINIMUM DAILY, 451 ON MAR 08
MAXIMUM INSTANTANEOUS,
3 250 AT 02:10 CST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 46 23 N
LONG 097 04 04 W
DRAINAGE AREA, 152 000 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 410 000	JUL	6 900 000
FEB	1 150 000	AUG	4 410 000
MAR	1 230 000	SEP	3 760 000
APR	1 270 000	OCT	3 260 000
MAY	1 460 000	NOV	1 770 000
JUN	4 630 000	DEC	1 540 000

TOTAL DISCHARGE, 32 800 000 dam³

REMARKS - STATION PREVIOUSLY LOCATED AT 06MA003

NORTHWEST TERRITORIES

THLEWIAZA RIVER ABOVE OUTLET SEALHOLE LAKE - STATION NO. 06HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	204B	175B	149B	135B	130B	153	198	208	202	195	150B	140B	1
2	203B	173B	147B	134B	130B	154	200	210	202	189	150B	140B	2
3	202B	171B	146B	134B	130B	157	199	212	205	186	149B	140B	3
4	201B	170B	146B	134B	130B	161	199	211	203	185	149B	140B	4
5	200B	170B	145B	134B	129B	164	200	214	202	179	149B	141B	5
6	199B	168B	145B	134B	129B	166	201	214	200	174	149B	141B	6
7	197B	168B	145B	133B	129B	168	200	214	205	172	148B	141B	7
8	197B	167B	144B	133B	129B	171	199	216	207	170B	148B	141B	8
9	196B	167B	144B	133B	129B	173	199	213	199	169B	147B	140B	9
10	195B	166B	143B	133B	129B	176	200	213	201	167B	147B	138B	10
11	193B	165B	143B	133B	129B	177	200	213	200	165B	147B	137B	11
12	191B	164B	142B	132B	129	177	203	212	196	164B	146B	137B	12
13	190B	163B	141B	132B	129	178	203	214	195	163B	146B	137B	13
14	189B	162B	141B	132B	129	179	203	211	195	161B	146B	136B	14
15	189B	161B	140B	132B	128	180	203	209	194	160B	146B	136B	15
16	189B	160B	140B	131B	128	181	203	210	196	159B	146B	135B	16
17	188B	159B	139B	131B	128	181	204	204	197	157B	145B	135B	17
18	185B	158B	139B	131B	127	181	205	203	202	156B	144B	134B	18
19	184B	157B	138B	131B	126	183	205	207	193	155B	143B	134B	19
20	184B	155B	138B	131B	126	185	204	207	188	155B	142B	133B	20
21	182B	155B	138B	131B	126	186	206	210	188	154B	142B	134B	21
22	181B	154B	137B	130B	126	187	207	207	189	153B	142B	135B	22
23	180B	153B	137B	130B	127	193	209	205	192	153B	142B	135B	23
24	179B	152B	137B	130B	129	193	208	202	189	152B	141B	132B	24
25	179B	151B	136B	130B	132	194	208	206	190	152B	142B	132B	25
26	178B	152B	136B	130B	136	195	209	208	192	151B	142B	131B	26
27	178B	149B	136B	130B	138	195	209	208	187	151B	143B	131B	27
28	178B	148B	136B	130B	140	194	217	207	185	151B	142B	130B	28
29	178B		135B	130B	142	195	212	208	188	150B	142B	131B	29
30	177B		135B	130B	146	197	207	206	197	150B	141B	131B	30
31	176B		135B		150		208	206		150B		131B	31
TOTAL	5 842	4 513	4 353	3 954	4 065	5 374	6 328	6 488	5 879	5 048	4 356	4 209	TOTAL
MEAN	188	161	140	132	131	179	204	209	196	163	145	136	MEAN
MAX	204	175	149	135	150	197	217	216	207	195	150	141	MAX
MIN	176	148	135	130	126	153	198	202	185	150	141	130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 166
MAXIMUM DAILY, 217 ON JUL 28
MINIMUM DAILY, 126 ON MAY 19
MAXIMUM INSTANTANEOUS,
241 AT 13:37 CST ON JUL 28

REMARKS - MAXIMUM INSTANTANEOUS VALUE WAS AFFECTED BY WIND

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 47 02 N
LONG 098 46 40 W
DRAINAGE AREA, 27 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	505 000	JUL	547 000
FEB	390 000	AUG	561 000
MAR	376 000	SEP	508 000
APR	342 000	OCT	436 000
MAY	351 000	NOV	376 000
JUN	464 000	DEC	364 000

TOTAL DISCHARGE, 5 220 000 dam³

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.2	19.8	16.1	13.7	21.0	64.4	64.1	---	---	80.1A	65.2E	48.3E	1
2	24.1	19.5	16.0	13.7	21.9	65.5	64.1	---	---	79.3	64.5E	47.8E	2
3	24.0	19.4	15.9	13.7	22.8	66.4	64.3	---	---	79.1	63.9E	47.4E	3
4	23.9	19.2	15.8	13.7	23.7	67.1	65.6	---	---	79.2	63.3E	46.9E	4
5	23.8	19.0	15.7	13.7	24.8	67.2	67.6	---	---	79.1	62.6E	46.4E	5
6	23.7	18.8	15.7	13.7	25.9	67.3	70.8	---	---	78.8	62.0E	45.9E	6
7	23.6	18.7	15.6	13.7	27.0	67.5	72.8	---	---	78.4	61.4E	45.5E	7
8	23.5	18.6	15.6	13.6	28.3	67.1	74.3	---	---	77.9	60.8E	45.0E	8
9	23.4	18.5	15.7	13.6	29.8	66.3	75.6	---	---	78.2	60.2E	44.5E	9
10	23.3	18.4	15.7	13.5	31.6	65.8	76.5	---	---	78.4	59.6E	44.1E	10
11	23.1	18.4	15.7	13.6	34.0	64.6	77.3	---	---	77.5	59.0E	43.7E	11
12	23.0	18.2	15.7	13.4	37.1	65.0	78.6	---	---	76.6	58.4E	43.2E	12
13	22.9	18.2	15.7	13.4	40.6	66.0	78.7	---	---	76.0	57.8E	42.8E	13
14	22.9	18.0	15.7	13.4	44.0	66.7	79.6	---	---	76.1	57.3E	42.4E	14
15	22.8	17.9	15.7	13.3	47.3	67.3	80.2	---	---	75.7	56.7E	41.9E	15
16	22.6	17.9	15.6	13.3	50.4	68.0	79.6	---	---	75.2	56.1E	41.5E	16
17	22.4	17.7	15.4	13.2	53.0	67.7	78.9	---	---	74.5	55.6E	41.1E	17
18	22.2	17.6	15.4	13.2	55.4	67.8	78.5	---	---	74.0	55.0E	40.7E	18
19	22.0	17.5	15.3	13.1	57.4	67.9	76.9	---	---	73.4	54.4E	40.3E	19
20	22.0	17.4	15.2	13.1	59.0	68.1	75.8	---	---	73.5	53.9E	39.9E	20
21	21.9	17.1	15.1	13.2	60.1	68.2	74.9	---	---	72.9	53.4E	39.5E	21
22	21.5	17.1	15.0	13.7	61.4	68.4	74.3	---	---	72.2E	52.8E	39.1E	22
23	21.3	17.0	14.9	14.7	62.2	68.3	72.6	---	---	71.5E	52.3E	38.7E	23
24	21.0	16.8	14.6	15.6	62.8	68.2	71.1	---	---	70.7E	51.8E	38.3E	24
25	20.8	16.8	14.4	16.2	63.4	67.9	70.0	---	---	70.0E	51.3E	37.9E	25
26	20.7	16.6	14.2	16.9	63.4	68.1	69.0	---	---	69.3E	50.7E	37.6E	26
27	20.5	16.4	14.0	17.6	63.8	68.2	68.0E	---	---	68.6E	50.2E	37.2E	27
28	20.5	16.3	13.9	18.4	63.8	68.3	67.0E	---	---	67.9E	49.7E	36.8E	28
29	20.3		13.7	19.2	63.4	68.3	66.2E	---	---	67.2E	49.2E	36.4E	29
30	20.2		13.7	20.0	63.9	68.3	65.8E	---	---	66.5E	48.8E	36.1E	30
31	20.0		13.6		64.3		65.6E	---		65.9E		35.7E	31
TOTAL	692.1	502.8	470.3	435.1	1 425.5	2 006.5	2 244.3	---	---	2 303.7	1 697.9	1 292.6	TOTAL
MEAN	22.3	18.0	15.2	14.5	46.0	66.9	72.4	---	---	74.3	56.6	41.7	MEAN
MAX	24.2	19.8	16.1	20.0	64.3	68.4	80.2	---	---	80.1	65.2	48.3	MAX
MIN	20.0	16.3	13.6	13.1	21.0	64.3	64.1	---	---	65.9	48.8	35.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 13.1 ON APR 19

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 30 18 N
LONG 109 38 56 W
DRAINAGE AREA, 8 830 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 800	JUL	194 000
FEB	43 400	AUG	---
MAR	40 600	SEP	---
APR	37 600	OCT	199 000
MAY	123 000	NOV	147 000
JUN	173 000	DEC	112 000

NORTHWEST TERRITORIES

THONOKIED RIVER NEAR THE MOUTH - STATION NO. 07RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.494B	OB	OB	OB	0 B	4.82B	122	43.3	23.9	---	---	---	1
2	0.474B	OB	OB	OB	0 B	6.86B	118	40.8	23.9	---	---	---	2
3	0.454B	OB	OB	OB	0 B	10.2 B	115	40.0	24.1	---	---	---	3
4	0.436B	OB	OB	OB	0 B	15.5 B	112	39.3	23.8	---	---	---	4
5	0.416B	OB	OB	OB	0 B	21.7	108	37.6	23.3A	---	---	---	5
6	0.401B	OB	OB	OB	0 B	33.5	105	35.5	---	---	---	---	6
7	0.384B	OB	OB	OB	0 B	36.2	102	33.7	---	---	---	---	7
8	0.369B	OB	OB	OB	0 B	36.8	100	33.8	---	---	---	---	8
9	0.353B	OB	OB	OB	0 B	38.5	97.6	34.7	---	---	---	---	9
10	0.339B	OB	OB	OB	0 B	53.2	94.4	34.1	---	---	---	---	10
11	0.325B	OB	OB	OB	0 B	94.9	92.4	33.0	---	---	---	---	11
12	0.312B	OB	OB	OB	0 B	107	90.3	32.0	---	---	---	---	12
13	0.299B	OB	OB	OB	0 B	101	84.6	30.6	---	---	---	---	13
14	0.287B	OB	OB	OB	0 B	116	81.8	30.5	---	---	---	---	14
15	0.275B	OB	OB	OB	0 B	133	81.7	30.5	---	---	---	---	15
16	0.244B	OB	OB	OB	0 B	144	80.0	29.0	---	---	---	---	16
17	0.215B	OB	OB	OB	0 B	168	78.7	27.4	---	---	---	---	17
18	0.183B	OB	OB	OB	0 B	154	76.9	26.9	---	---	---	---	18
19	0.153B	OB	OB	OB	0 B	133	74.3	26.8	---	---	---	---	19
20	0.122B	OB	OB	OB	0 B	126	71.2	26.6	---	---	---	---	20
21	0.092B	OB	OB	OB	0 B	124	68.3	26.2	---	---	---	---	21
22	0.061B	OB	OB	OB	0 B	122	66.6	25.7	---	---	---	---	22
23	0.031B	OB	OB	OB	0 B	117	64.5	24.7	---	---	---	---	23
24	0 B	OB	OB	OB	0 B	116	61.6	24.9	---	---	---	---	24
25	0 B	OB	OB	OB	0 B	124	56.3	25.1	---	---	---	---	25
26	0 B	OB	OB	OB	0 B	128	54.7	24.8	---	---	---	---	26
27	0 B	OB	OB	OB	0 B	129	50.6	24.1	---	---	---	---	27
28	0 B	OB	OB	OB	0 B	129	50.5	24.1	---	---	---	---	28
29	0 B		OB	OB	1.15B	127	49.4	24.2	---	---	---	---	29
30	0 B		OB	OB	2.16B	125	47.4	24.5	---	---	---	---	30
31	0 B		OB		2.95B		45.4	24.3		---		---	31
TOTAL	6.721	0	0	0	6.26	2 775.18	2 501.2	938.5	---	---	---	---	TOTAL
MEAN	0.217	0	0	0	0.20	92.5	80.7	30.3	---	---	---	---	MEAN
MAX	0.494	0	0	0	2.95	168	122	43.3	---	---	---	---	MAX
MIN	0	0	0	0	0	4.82	45.4	24.1	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 168 ON JUN 17
MINIMUM DAILY, OB ON JAN 24
MAXIMUM INSTANTANEOUS,
174 AT 08:07 MST ON JUN 17

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 08 49 N
LONG 108 55 02 W

DRAINAGE AREA, 1 780 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	581	JUL	216 000
FEB	0	AUG	81 100
MAR	0	SEP	---
APR	0	OCT	---
MAY	541	NOV	---
JUN	240 000	DEC	---

TRAIL VALLEY CREEK NEAR INUVIK - STATION NO. 10ND002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	OB	OB	OB	OB	0 B	3.54	0.087	0.045	0.008	0.018B	OB	OB	1
2	OB	OB	OB	OB	0 B	2.83	0.072	0.041	0.009	0.016B	OB	OB	2
3	OB	OB	OB	OB	0 B	1.96	0.061	0.038	0.012	0.014B	OB	OB	3
4	OB	OB	OB	OB	0 B	1.22	0.055	0.035	0.015	0.012B	OB	OB	4
5	OB	OB	OB	OB	0 B	0.911	0.048	0.033	0.017	0.010B	OB	OB	5
6	OB	OB	OB	OB	0 B	0.609	0.043	0.030	0.017	0.009B	OB	OB	6
7	OB	OB	OB	OB	0 B	0.463	0.040	0.028	0.018	0.008B	OB	OB	7
8	OB	OB	OB	OB	0 B	0.381	0.038	0.024	0.020	0.007B	OB	OB	8
9	OB	OB	OB	OB	0 B	0.353	0.039	0.022	0.022	0.006B	OB	OB	9
10	OB	OB	OB	OB	0 B	0.320	0.054	0.021	0.023	0.005B	OB	OB	10
11	OB	OB	OB	OB	0 B	0.350	0.502	0.019	0.024	0.005B	OB	OB	11
12	OB	OB	OB	OB	0 B	0.344	2.08	0.018	0.026	0.004B	OB	OB	12
13	OB	OB	OB	OB	0 B	0.362	1.69	0.015	0.026	0.004B	OB	OB	13
14	OB	OB	OB	OB	0 B	0.443	1.16	0.014	0.026	0.003B	OB	OB	14
15	OB	OB	OB	OB	0 B	0.534	0.816	0.013	0.026	0.003B	OB	OB	15
16	OB	OB	OB	OB	0 B	0.533	0.606	0.011	0.026	0.003B	OB	OB	16
17	OB	OB	OB	OB	0 B	0.493	0.461	0.010	0.024	0.003B	OB	OB	17
18	OB	OB	OB	OB	0 B	0.431	0.353	0.008	0.021	0.003B	OB	OB	18
19	OB	OB	OB	OB	0 B	0.397	0.271	0.006	0.020	0.003B	OB	OB	19
20	OB	OB	OB	OB	0 B	0.390	0.204	0.006	0.020	0.003B	OB	OB	20
21	OB	OB	OB	OB	0 B	0.403	0.156	0.005	0.018	0.001B	OB	OB	21
22	OB	OB	OB	OB	0 B	0.411	0.143	0.005	0.017	0.001B	OB	OB	22
23	OB	OB	OB	OB	0 B	0.411	0.130	0.004	0.018	0.001B	OB	OB	23
24	OB	OB	OB	OB	0 B	0.350	0.110	0.004	0.021	0.001B	OB	OB	24
25	OB	OB	OB	OB	0.025B	0.299	0.095	0.003	0.022	0.001B	OB	OB	25
26	OB	OB	OB	OB	0.100B	0.240	0.082	0.002	0.023	0 B	OB	OB	26
27	OB	OB	OB	OB	0.500B	0.197	0.074	0.003	0.023	0 B	OB	OB	27
28	OB	OB	OB	OB	3.50 B	0.162	0.065	0.006	0.022A	0 B	OB	OB	28
29	OB		OB	OB	4.80 B	0.131	0.059	0.008	0.021E	0 B	OB	OB	29
30	OB		OB	OB	4.81 B	0.105	0.055	0.008	0.020E	0 B	OB	OB	30
31	OB		OB		4.00 B		0.049	0.008		0 B		OB	31
TOTAL	0	0	0	0	17.735	19.573	9.698	0.493	0.605	0.144	0	0	TOTAL
MEAN	0	0	0	0	0.572	0.652	0.313	0.016	0.020	0.005	0	0	MEAN
MAX	0	0	0	0	4.81	3.54	2.08	0.045	0.026	0.018	0	0	MAX
MIN	0	0	0	0	0	0.105	0.038	0.002	0.008	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.132
MAXIMUM DAILY, 4.81B ON MAY 30
MINIMUM DAILY, OB ON JAN 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 44 18 N
LONG 133 26 27 W

DRAINAGE AREA, 68.3 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	838
FEB	0	AUG	42.6
MAR	0	SEP	52.3
APR	0	OCT	12.4
MAY	1 530	NOV	0
JUN	1 690	DEC	0

TOTAL DISCHARGE, 4 170 dam³

NORTHWEST TERRITORIES

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8.92B	7.38B	6.88B	6.77B	6.67B	8.15B	44.5	68.0	55.5	60.7	22.6B	11.2 B
2	8.85B	7.35B	6.87B	6.77B	6.67B	8.42B	43.9	68.1	54.7	60.6	22.0B	11.1 B
3	8.77B	7.32B	6.87B	6.76B	6.66B	8.71B	43.5	68.7	54.2	60.4	21.3B	10.7 B
4	8.70B	7.29B	6.87B	6.76B	6.66B	9.05B	43.5	68.8	53.1	60.1	20.7B	10.5 B
5	8.62B	7.26B	6.86B	6.76B	6.66B	9.50B	43.1	68.8	52.1	59.9	20.2B	10.3 B
6	8.56B	7.24B	6.86B	6.75B	6.65B	9.99B	42.7	68.0	51.7	59.4	19.7B	10.2 B
7	8.51B	7.22B	6.86B	6.75B	6.65B	10.4 B	41.8	67.2	50.7	59.1	19.3B	9.99B
8	8.45B	7.19B	6.85B	6.75B	6.65B	11.1 B	41.1	66.8	50.4	58.5	18.8B	9.82B
9	8.39B	7.17B	6.85B	6.74B	6.64B	12.2 B	40.4	66.4	49.4	57.2	18.3B	9.65B
10	8.34B	7.15B	6.85B	6.74B	6.64B	13.3 B	40.0	66.0	49.2	56.5	17.9B	9.48B
11	8.28B	7.13B	6.84B	6.74B	6.64B	14.7 B	39.5	65.6	48.5	56.2	17.5B	9.31B
12	8.22B	7.11B	6.84B	6.73B	6.63B	15.9 B	39.4	64.7	47.7	49.7	17.0B	9.13B
13	8.16B	7.10B	6.83B	6.73B	6.63B	17.5 B	39.5	63.8	47.0	47.9B	16.6B	8.96B
14	8.11B	7.08B	6.83B	6.73B	6.64B	19.0 B	39.6	63.4	46.5	46.0B	16.2B	8.79B
15	8.05B	7.06B	6.83B	6.72B	6.64B	20.4 B	40.5	62.8	46.2	43.8B	15.9B	8.64B
16	8.00B	7.04B	6.82B	6.72B	6.65B	22.4 B	41.7	62.2	45.9	41.6B	15.5B	8.49B
17	7.96B	7.02B	6.82B	6.72B	6.66B	24.5 B	43.4	61.6	45.4	39.4B	15.2B	8.35B
18	7.91B	7.01B	6.82B	6.71B	6.67B	26.6 B	45.2	61.8	53.4	37.2B	14.8B	8.20B
19	7.87B	6.98B	6.81B	6.71B	6.68B	29.1 B	47.8	62.6	52.4	35.0B	14.5B	8.05B
20	7.82B	6.97B	6.81B	6.71B	6.70B	31.7 B	50.6	61.6	52.2	33.7B	14.2B	7.93B
21	7.77B	6.94B	6.81B	6.70B	6.78B	34.4	54.3	60.8	52.7	32.5B	13.9B	7.81B
22	7.73B	6.90B	6.80B	6.70B	6.85B	37.2	57.9	60.0	53.4	31.2B	13.6B	7.69B
23	7.68B	6.90B	6.80B	6.70B	6.93B	40.2	60.3	59.3	56.1	30.0B	13.3B	7.57B
24	7.64B	6.89B	6.80B	6.69B	6.98B	42.9	61.8	58.6	58.9	28.7B	13.0B	7.45B
25	7.59B	6.89B	6.79B	6.69B	7.06B	44.7	63.3	58.0	60.3	27.9B	12.7B	7.34B
26	7.56B	6.89B	6.79B	6.69B	7.17B	45.5	64.6	57.5	60.2	27.1B	12.5B	7.22B
27	7.53B	6.88B	6.79B	6.68B	7.29B	45.7	65.5	57.3	60.6	26.3B	12.2B	7.11B
28	7.50B	6.88B	6.78B	6.68B	7.42B	45.6	66.3	56.9	60.8	25.5B	12.0B	7.00B
29	7.47B		6.78B	6.68B	7.56B	45.2	67.2	56.9	60.3	24.7B	11.7B	6.88B
30	7.44B		6.78B	6.67B	7.75B	44.9	67.5	56.6	61.0	23.9B	11.5B	6.77B
31	7.41B		6.77B		7.93B		67.9	56.0		23.3B		6.66B
TOTAL	249.81	198.24	211.56	201.65	212.81	748.92	1 548.3	1 944.8	1 596.5	1 324.0	484.6	268.19
MEAN	8.06	7.08	6.82	6.72	6.86	25.0	49.9	62.7	53.2	42.7	16.2	8.65
MAX	8.92	7.38	6.88	6.77	7.93	45.7	67.9	68.8	61.0	60.7	22.6	11.2
MIN	7.41	6.88	6.77	6.67	6.63	8.15	39.4	56.0	45.9	23.3	11.5	6.66

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 24.6
MAXIMUM DAILY, 68.8 ON AUG 04
MINIMUM DAILY, 6.63B ON MAY 12
MAXIMUM INSTANTANEOUS, 69.4 AT 17:52 MST ON AUG 04

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 03 N
LONG 111 54 32 W
DRAINAGE AREA, 5 810 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 600	JUL	134 000
FEB	17 100	AUG	168 000
MAR	18 300	SEP	138 000
APR	17 400	OCT	114 000
MAY	18 400	NOV	41 900
JUN	64 700	DEC	23 200

TOTAL DISCHARGE, 777 000 dam³

TROUT RIVER AT HIGHWAY NO. 1 - STATION NO. 10FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.10 B	0.460B	0.370B	0.310B	26.9	78.6	37.8	18.6	27.6	24.1	7.00B	3.50B
2	1.03 B	0.450B	0.370B	0.320B	31.6	83.1	39.1	18.3	28.6	23.1	6.65B	3.27B
3	0.920B	0.450B	0.370B	0.340B	37.5	82.2	36.9	16.0	27.0	19.8	6.40B	3.22B
4	0.820B	0.450B	0.360B	0.380B	45.5	80.1	35.5	18.8	25.5	20.3	6.00B	3.10B
5	0.750B	0.450B	0.360B	0.420B	53.0	77.9	33.2	19.6	27.5	24.6	5.95B	2.98B
6	0.680B	0.450B	0.360B	0.480B	58.6	74.6	29.9	18.4	24.7	25.6	5.85B	2.85B
7	0.650B	0.440B	0.360B	0.600B	60.8	76.5	30.1	19.3	29.7	27.2	5.75B	2.75B
8	0.620B	0.440B	0.350B	1.00 B	68.5	74.2	29.4	25.4	25.9	25.1	5.70B	2.60B
9	0.580B	0.440B	0.350B	1.31 B	79.3	76.7	29.1	24.4	25.8	25.5	5.62B	2.47B
10	0.548B	0.440B	0.350B	1.70 B	90.8	72.3	28.7	27.0	27.9	24.8	5.55B	2.37B
11	0.530B	0.430B	0.350B	2.00 B	98.6	66.6	28.5	26.1	26.2	20.0	5.47B	2.22B
12	0.530B	0.430B	0.350B	2.35 B	99.8	66.2	29.0	24.8	27.5	19.8 B	5.38B	2.10B
13	0.520B	0.420B	0.350B	2.65 B	99.6	59.5	27.9	22.5	29.5	18.7 B	5.32B	1.95B
14	0.510B	0.420B	0.340B	3.00 B	99.3	62.0	29.4	21.4	31.6	18.0 B	5.25B	1.80B
15	0.510B	0.410B	0.340B	3.30 B	98.1	61.4	34.6	21.2	30.2	18.3 B	5.16B	1.75B
16	0.510B	0.410B	0.340B	3.65 B	97.1	59.3	43.2	20.3	29.7	15.0 B	5.10B	1.68B
17	0.500B	0.410B	0.330B	3.95 B	96.0	57.9	42.0	20.6	28.2	15.5 B	5.00B	1.63B
18	0.500B	0.400B	0.330B	4.25 B	97.5	55.3	37.8	20.6	23.3	14.5 B	4.91B	1.58B
19	0.500B	0.400B	0.320B	4.55 B	97.5	53.5	34.4	19.3	23.6	15.0 B	4.85B	1.55B
20	0.500B	0.400B	0.320B	4.85 B	97.2	51.8	32.5	17.6	22.9	12.0 B	4.80B	1.52B
21	0.500B	0.400B	0.320B	5.20 B	92.4	50.8	30.4	20.3	24.9	11.9 B	4.70B	1.49B
22	0.500B	0.400B	0.310B	5.50 B	89.5	50.5	28.3	19.3	23.9	11.5 B	4.64B	1.48B
23	0.490B	0.390B	0.310B	5.83 B	89.1	47.3	25.4	17.8	24.0	11.2 B	4.52B	1.47B
24	0.490B	0.390B	0.310B	9.35 B	85.7	49.7	22.3	22.9	25.1	11.7 B	4.40B	1.45B
25	0.490B	0.390B	0.310B	13.8 B	85.1	53.9	24.7	33.9	26.1	12.5 B	4.27B	1.43B
26	0.480B	0.390B	0.310B	17.0 B	89.2	42.2	22.7	34.5	22.4	13.5 B	4.13B	1.41B
27	0.480B	0.380B	0.300B	19.8 B	89.8	40.5	21.0	34.8	21.0	10.2 B	4.00B	1.38B
28	0.480B	0.380B	0.300B	21.1 B	90.9	37.7	19.6	33.0	21.0	9.00B	3.88B	1.36B
29	0.470B		0.300B	23.0 B	91.7	38.4	18.7	33.2	29.1	8.00B	3.75B	1.35B
30	0.470B		0.300B	24.9	90.5	38.3	19.2	30.2	28.6	7.70B	3.62B	1.33B
31	0.460B		0.300B		84.0		18.1	27.5		7.40B		1.31B
TOTAL	18.118	11.720	10.340	187.090	2 510.8	1 820.0	919.4	728.4	789.0	521.50	153.64	62.45
MEAN	0.585	0.419	0.334	6.24	81.0	60.7	29.7	23.5	26.3	16.8	5.12	2.01
MAX	1.10	0.460	0.370	24.9	99.8	83.1	43.2	34.8	31.6	27.2	7.00	3.50
MIN	0.460	0.380	0.300	0.310	26.9	37.7	18.1	16.0	21.0	7.40	3.62	1.31

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1990

MEAN, 21.2
MAXIMUM DAILY, 99.8 ON MAY 12
MINIMUM DAILY, 0.300B ON MAR 27
MAXIMUM INSTANTANEOUS, 100 AT 19:11 MST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 23 N
LONG 119 50 09 W
DRAINAGE AREA, 9 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 570	JUL	79 400
FEB	1 010	AUG	62 900
MAR	893	SEP	68 200
APR	16 200	OCT	45 100
MAY	217 000	NOV	13 300
JUN	157 000	DEC	5 400

TOTAL DISCHARGE, 668 000 dam³

REMARKS - FORMERLY PUBLISHED AS "AT PORT SIMPSON HIGHWAY"

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.440B	0.360B	0.320B	0.290B	0.205B	29.6	16.3	5.84	5.05	9.85E	1.28B	0.970B	1
2	0.440B	0.360B	0.310B	0.290B	0.204B	24.3	15.5	5.91	4.93	9.50E	1.36B	0.940B	2
3	0.440B	0.360B	0.310B	0.286B	0.250B	22.1	14.8	5.83	4.75	8.68E	1.38B	0.920B	3
4	0.440B	0.355B	0.310B	0.289B	0.211B	23.1	13.8	5.57	5.14	7.74E	1.52B	0.900B	4
5	0.430B	0.355B	0.310B	0.296B	0.235B	28.8	13.3	9.56	5.29	7.00E	1.58B	0.881B	5
6	0.420B	0.355B	0.310B	0.306B	0.253B	25.6	13.8	7.51	7.69	6.25E	1.67B	0.870B	6
7	0.410B	0.353B	0.310B	0.287B	0.229B	21.6	13.4	17.0	9.78	5.50E	1.74B	0.860B	7
8	0.400B	0.356B	0.310B	0.291B	0.340B	19.1	12.7	12.2	7.47	5.24E	1.70B	0.850B	8
9	0.400B	0.353B	0.310B	0.283B	0.233B	19.8	12.6	9.33	6.60	4.75E	1.66B	0.850B	9
10	0.400B	0.350B	0.300B	0.280B	0.350B	23.7	12.2	8.36	6.83	4.24E	1.63B	0.850B	10
11	0.400B	0.350B	0.300B	0.273B	0.290B	22.9	12.8	7.36	6.46	3.75E	1.58B	0.840B	11
12	0.400B	0.350B	0.300B	0.277B	0.310B	24.4	9.90	6.54	6.13	3.64E	1.54B	0.830B	12
13	0.390B	0.340B	0.300B	0.287B	0.320B	23.4	9.19	5.73	8.84	3.25E	1.51B	0.820B	13
14	0.390B	0.340B	0.300B	0.294B	0.340B	22.4	8.88	5.24	10.7	2.58B	1.56B	0.810B	14
15	0.390B	0.340B	0.300B	0.294B	0.370B	24.2	8.21	4.97	13.8	1.95B	1.60B	0.800B	15
16	0.390B	0.340B	0.300B	0.295B	0.472	24.7	7.87	5.31	16.7	1.84B	1.56B	0.800B	16
17	0.390B	0.340B	0.300B	0.298B	0.696	23.9	8.29	5.11	13.1	1.97B	1.53B	0.790B	17
18	0.380B	0.340B	0.300B	0.319B	0.818	21.7	7.32	6.32	11.3	1.93B	1.50B	0.780B	18
19	0.380B	0.330B	0.300B	0.302B	1.07	19.9	7.29	5.67	10.3	1.90B	1.46B	0.770B	19
20	0.380B	0.330B	0.300B	0.264B	1.25	19.0	7.47	11.3	9.43	1.85B	1.43B	0.760B	20
21	0.380B	0.330B	0.300B	0.239B	1.46	19.1	7.43	10.7	9.39	1.90B	1.39B	0.760B	21
22	0.370B	0.330B	0.300B	0.334B	2.36	18.0	6.83	8.40	12.0	1.86B	1.35B	0.750B	22
23	0.370B	0.330B	0.300B	0.500B	4.15	20.7	6.31	7.15	18.8	1.75B	1.27B	0.757B	23
24	0.370B	0.330B	0.300B	0.257B	5.66	25.1	5.51	6.23	30.0 E	1.66B	1.19B	0.737B	24
25	0.370B	0.330B	0.300B	0.236B	5.47	24.5	5.14	5.69	21.8 E	1.48B	1.15B	0.740B	25
26	0.370B	0.320B	0.290B	0.590B	6.79	20.5	4.98	5.35	18.0 E	1.40B	1.05B	0.680B	26
27	0.370B	0.320B	0.290B	0.640B	8.55	18.9	4.81	5.33	14.8 E	1.35B	1.03B	0.650B	27
28	0.360B	0.320B	0.290B	0.500B	12.0	18.7	4.69	6.10	12.7 E	1.27B	1.03B	0.630B	28
29	0.360B		0.290B	0.248B	16.4	18.3	4.79	6.59	11.0 E	1.20B	1.02B	0.600B	29
30	0.360B		0.290B	0.480B	22.0	17.2	5.37	5.98	10.0 E	1.09B	1.00B	0.583B	30
31	0.360B		0.290B		33.3		7.13	5.34		1.23B		0.535B	31
TOTAL	12.150	9.567	9.340	9.825	126.588	665.2	288.61	223.72	328.78	109.60	42.27	24.313	TOTAL
MEAN	0.392	0.342	0.301	0.328	4.08	22.2	9.31	7.22	11.0	3.54	1.41	0.784	MEAN
MAX	0.440	0.360	0.320	0.640	33.3	29.6	16.3	17.0	30.0	9.85	1.74	0.970	MAX
MIN	0.360	0.320	0.290	0.236	0.204	17.2	4.69	4.97	4.75	1.09	1.00	0.535	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.07
MAXIMUM DAILY, 33.3 ON MAY 31
MINIMUM DAILY, 0.204B ON MAY 02
MAXIMUM INSTANTANEOUS,
36.6 AT 19:12 MST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 10 11 N
LONG 129 47 43 W
DRAINAGE AREA, 219 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	24 900
FEB	827	AUG	19 300
MAR	807	SEP	28 400
APR	849	OCT	9 470
MAY	10 900	NOV	3 650
JUN	57 500	DEC	2 100

TOTAL DISCHARGE, 160 000 dam³

TWITYA RIVER NEAR THE MOUTH - STATION NO. 10HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.45B	6.74B	7.58B	8.72B	22.4B	398	170	87.9	107	114	21.6B	18.0B	1
2	9.34B	6.70B	7.56B	8.80B	23.9B	293	160	85.2	103	107	21.0B	17.9B	2
3	9.20B	6.69B	7.65B	8.97B	26.2B	258	154	82.7	96.9	99.9	20.7B	17.7B	3
4	9.11B	6.69B	7.70B	9.13B	29.3B	260	148	85.9	93.7	92.3	20.3B	17.4B	4
5	9.00B	6.68B	7.75B	9.87B	31.0B	292	140	102	92.0	82.0	20.1B	17.1B	5
6	8.88B	6.68B	7.81B	10.8 B	30.6B	247	132	110	91.0	67.6	19.9B	17.1B	6
7	8.78B	6.72B	7.89B	11.3 B	29.5B	196	133	102	111	64.2B	19.7B	17.1B	7
8	8.69B	6.82B	7.87B	11.6 B	32.5B	175	131	109	112	61.8B	19.5B	16.9B	8
9	8.56B	6.87B	7.80B	12.2 B	36.5B	176	126	104	104	57.8B	19.2B	16.8B	9
10	8.45B	6.89B	7.76B	12.7 B	36.6B	222	121	95.5	101	50.0B	18.9B	16.7B	10
11	8.33B	6.90B	7.76B	13.1 B	37.5B	219	116	89.3	96.6	45.4B	18.7B	16.5B	11
12	8.21B	6.78B	7.80B	13.9 B	38.8	247	108	85.3	91.9	45.2B	18.5B	16.3B	12
13	8.12B	6.88B	7.86B	14.4 B	40.2	253	97.4	81.0	90.7	43.3B	18.5B	16.1B	13
14	8.02B	6.96B	7.95B	15.1 B	42.1	242	92.2	76.1	109	41.2B	18.5B	16.0B	14
15	7.90B	6.86B	8.00B	15.6 B	44.0	259	88.9	72.8	122	39.1B	18.3B	16.0B	15
16	7.83B	7.01B	7.95B	16.3 B	51.6	306	83.9	70.1	190	33.7B	18.2B	16.0B	16
17	7.72B	7.07B	7.90B	17.1 B	59.0	320	80.1	76.0	188	32.2B	18.1B	15.9B	17
18	7.62B	7.09B	7.88B	18.0 B	64.6	288	76.8	101	164	32.2B	18.1B	15.9B	18
19	7.52B	7.14B	7.90B	19.0 B	65.2	251	73.7	114	152	30.9B	18.1B	15.7B	19
20	7.42B	7.20B	7.94B	20.0 B	63.5	238	72.9	121	140	29.1B	18.0B	15.5B	20
21	7.33B	7.28B	7.97B	20.8 B	71.1	238	72.3	148	131	29.4B	18.0B	15.3B	21
22	7.27B	7.33B	8.00B	21.8 B	114	227	71.4	140	151	28.6B	18.0B	15.1B	22
23	7.19B	7.36B	8.02B	22.9 B	132	225	68.5	128	191	28.0B	18.0B	15.1B	23
24	7.10B	7.37B	8.08B	23.6 B	132	476	65.3	115	226	27.6B	17.9B	15.0B	24
25	7.03B	7.40B	8.15B	23.7 B	143	409	63.2	105	188	27.0B	17.9B	15.0B	25
26	6.99B	7.44B	8.21B	24.3 B	165	304	62.6	96.6	168	26.1B	18.0B	14.9B	26
27	6.95B	7.52B	8.28B	24.1 B	200	258	67.6	92.9	149	24.8B	18.0B	14.8B	27
28	6.89B	7.54B	8.35B	23.1 B	254	234	67.2	93.4	139	23.5B	18.1B	14.7B	28
29	6.84B		8.42B	22.5 B	320	218	62.8	110	134	23.2B	18.2B	14.6B	29
30	6.80B		8.52B	21.9 B	363	188	62.6	119	124	22.5B	18.2B	14.5B	30
31	6.77B		8.60B		436		70.7	114		22.4B		14.4B	31
TOTAL	245.31	196.61	246.99	495.29	3 155.1	7 917	3 039.1	3 112.7	3 956.8	1 451.9	564.2	495.9	TOTAL
MEAN	7.91	7.02	7.97	16.5	102	264	98.0	100	132	46.8	18.8	16.0	MEAN
MAX	9.45	7.54	8.60	24.3	436	476	170	148	226	114	21.6	18.0	MAX
MIN	6.77	6.68	7.58	8.72	22.4	175	62.6	70.1	90.7	22.4	17.9	14.4	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.2
MAXIMUM DAILY, 476 ON JUN 24
MINIMUM DAILY, 6.68B ON FEB 05
MAXIMUM INSTANTANEOUS,
531 AT 09:01 MST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 09 38 N
LONG 128 17 57 W
DRAINAGE AREA, 5 590 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 200	JUL	263 000
FEB	17 000	AUG	269 000
MAR	21 300	SEP	342 000
APR	42 800	OCT	125 000
MAY	273 000	NOV	48 700
JUN	684 000	DEC	42 800

TOTAL DISCHARGE, 2 150 000 dam³

WALDRON RIVER NEAR THE MOUTH - STATION NO. 07SC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	D
1	2.12A	1.53A	1.11 A	0.815	0.664A	6.69A	21.9	13.8A	13.7	13.0	10.2	6.29E	
2	2.10A	1.53	1.10 A	0.828	0.666	7.02E	21.4A	13.8E	13.8	13.0	10.1	6.22E	
3	2.08	1.52	1.08	0.856	0.664A	7.45E	21.2	13.7E	14.0	12.9	10.0	6.15E	
4	2.06	1.47	1.05	0.836	0.661	7.88E	21.0	13.6A	14.2	12.9	10.0	6.08E	
5	2.05A	1.46	0.993A	0.797	0.658	8.20E	20.5	13.3	14.4	12.8	9.97	6.00E	
6	2.04	1.46	0.965	0.793	0.657	8.52A	20.2	13.0	14.5A	12.7	9.86	5.96E	
7	2.03	1.46A	0.964	0.752A	0.657	8.88	19.8	14.1	14.8	12.5	9.81	5.92E	
8	2.01	1.45	0.960	0.788	0.657	9.68	19.4	14.8	15.0	12.4	9.58A	5.88E	
9	2.00	1.44	0.952A	0.780	0.646	10.6	19.2	15.3	15.1	12.4A	9.28	5.84E	
10	1.99	1.44	0.959	0.789A	0.635A	11.8	18.6	15.5	15.1	12.4	8.84	5.80E	1
11	1.93A	1.39	0.959	0.775	0.627	13.0	18.2	15.7	15.1A	12.1	8.46	5.71E	1
12	1.93	1.34	0.959	0.776	0.627	14.5	17.5	15.7	14.8	11.4	8.10	5.62E	1
13	1.90	1.33	0.958	0.772	0.626	16.0 A	16.8	15.3	14.6	11.0	7.80	5.53E	1
14	1.87	1.33	0.963	0.774A	0.626	17.1	16.8	14.4	14.5	10.7	7.73	5.43	1
15	1.82A	1.32	0.973	0.772	0.627A	18.5	16.8	14.7	14.4	10.7	7.47	5.42	1
16	1.82	1.32	0.963	0.772	0.625	19.4	16.8	14.3	14.3	10.7	7.26	5.34E	1
17	1.79	1.31	0.957	0.771	0.625	20.1	16.9	13.9	14.2	10.7	7.24	5.26E	1
18	1.78	1.31	0.962	0.757	0.625	20.7	17.0A	13.6	14.0A	10.8	7.25	5.18E	1
19	1.75	1.30	0.958	0.749	0.624	21.3	17.1	13.5	13.7	10.8	7.25	4.97E	1
20	1.77	1.28	0.952A	0.740	0.611	21.6	16.9	13.4	13.6	10.9A	7.25	4.76E	2
21	1.75	1.28	0.936	0.741	0.610	21.9	16.7	13.5	13.5A	11.0	7.24	4.55E	2
22	1.74	1.28	0.912A	0.758	0.620A	22.0	16.6	13.5	13.1	11.0	7.13	4.34E	2
23	1.73	1.20	0.920	0.770	0.752A	22.1	16.4	13.6A	13.0	11.0	7.08	4.13E	2
24	1.72	1.17	0.886	0.756	1.22 A	22.1	16.1	13.7	12.9	11.0	6.95	4.02A	2
25	1.71	1.15	0.906	0.747	1.85	22.1	15.9	13.7	13.0	11.2A	6.86	4.01	2
26	1.71	1.13A	0.897	0.734	2.46	22.1	15.7	13.8	13.0	11.1	6.77	3.97	2
27	1.71	1.13	0.869	0.733	3.27	22.1	15.3	13.7	13.1	10.9	6.60	3.82	2
28	1.71	1.10	0.618A	0.732	4.17	22.1	14.1A	13.7A	13.1	10.8	6.53	3.71A	2
29	1.71		0.813	0.711	5.00	22.1 A	14.8	13.6	13.1	11.0	6.43	3.64A	2
30	1.53A		0.625	0.670	5.73	22.1	14.5	13.6	13.0	10.6	6.36E	3.34E	3
31	1.53		0.821		6.29		14.3	13.7		10.4A		3.02A	3
TOTAL	57.39	37.43	29.350	23.052	44.780	489.62	545.4	436.2	418.6	356.8	241.40	155.91	TOT
MEAN	1.85	1.34	0.947	0.768	1.44	16.3	17.6	14.1	14.0	11.5	8.05	5.03	MEA
MAX	2.12	1.53	1.11	0.856	6.29	22.1	21.9	15.7	15.1	13.0	10.2	6.29	MAX
MIN	1.53	1.10	0.813	0.670	0.610	6.69	14.3	13.0	12.9	10.4	6.36	3.02	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.77
MAXIMUM DAILY, 22.1 ON JUN 23
MINIMUM DAILY, 0.610 ON MAY 21
MAXIMUM INSTANTANEOUS,
22.2 AT 19:49 MST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 02 53 N
LONG 110 29 15 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 960	JUL	47 100
FEB	3 230	AUG	37 700
MAR	2 540	SEP	36 200
APR	1 990	OCT	30 800
MAY	3 870	NOV	20 900
JUN	42 300	DEC	13 500

TOTAL DISCHARGE, 245 000 dam³

WECHO RIVER AT OUTLET OF INGLIS LAKE - STATION NO. 07SA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DA
1	5.27	4.69E	4.20E	3.66	3.31	4.90	16.5	10.5	7.44	6.23	6.18	6.28	1
2	5.24	4.67E	4.18E	3.69	3.30	5.21	16.5	10.2	7.44	6.22	6.18	6.27	2
3	5.17	4.65E	4.16E	3.61	3.33	5.35	16.5	10.0	7.44	6.21	6.18	6.26	3
4	5.07	4.63E	4.14E	3.63	3.37	5.48	16.5	9.98	7.41	6.20	6.18	6.25	4
5	5.01	4.62E	4.13E	3.69	3.44	5.55	16.6	9.93	7.35	6.18	6.18	6.25	5
6	5.02	4.60E	4.11E	3.67	3.52	5.77	16.6	9.76	7.25	6.20	6.18	6.23	6
7	5.04	4.58E	4.09E	3.62	3.60	6.16	16.6	9.54	7.08	6.20	6.19	6.21	7
8	5.08	4.56E	4.07E	3.52	3.65	6.46	16.5	9.51	7.03	6.18	6.20	6.18	8
9	5.05	4.55E	4.06E	3.50	3.64	6.98	16.3	9.53	6.89	6.17	6.26	6.15	9
10	5.00	4.53E	4.04E	3.54	3.54	7.39	16.0	9.55	6.87	6.16	6.28	6.13	10
11	4.97	4.51E	4.02E	3.52	3.70	7.85	15.6	9.49	6.86	6.15	6.28	6.13	11
12	5.02	4.49E	4.01E	3.45	3.76	8.26	15.4	9.42	6.78	6.14	6.27	6.07	12
13	5.04	4.48E	3.99E	3.45	3.81	8.72	15.0	9.36	6.75	6.12	6.26	6.08	13
14	5.06	4.46E	3.97E	3.41	3.81	9.26	15.0	9.29	6.71	6.10	6.28	6.10	14
15	5.06	4.44E	3.95E	3.43	3.81	10.3	14.7	9.05	6.69	6.08	6.29	6.12	15
16	5.04	4.42E	3.94E	3.43	3.82	10.9	14.5	8.81	6.60	6.07	6.31	6.12	16
17	4.96	4.41E	3.92E	3.39	3.82	12.3	14.2	8.62	6.56	6.07	6.33	6.11	17
18	4.93A	4.39E	3.90E	3.38	3.83	12.7	14.0	8.54	6.49	6.07	6.35	6.09	18
19	4.91E	4.37E	3.88E	3.39	3.88	13.5	13.9	8.48	6.46	6.07	6.35	6.08A	19
20	4.90E	4.35E	3.87E	3.42	3.90	14.2	13.6	8.37	6.46	6.07	6.35	6.08E	20
21	4.88E	4.34E	3.85E	3.40	3.97	15.2	13.3	8.31	6.41	6.07	6.34	6.06E	21
22	4.86E	4.32E	3.83A	3.39	4.09	15.7	13.1	8.24	6.40	6.10	6.34	6.05E	22
23	4.84E	4.30E	3.83	3.38	4.21	16.2	12.9	8.13	6.36	6.12	6.34	6.05E	23
24	4.83E	4.29E	3.79	3.37	4.30	16.2	12.6	8.01	6.34	6.14	6.33	6.03E	24
25	4.81E	4.27E	3.71	3.36	4.39	16.3	12.2	7.88	6.34	6.13	6.34	6.02E	25
26	4.79E	4.25E	3.69	3.35	4.40	16.4	11.9	7.79	6.33	6.11	6.35	6.01E	26
27	4.77E	4.23E	3.69	3.33	4.47	16.5	11.6	7.70	6.34	6.10	6.35	6.01E	27
28	4.76E	4.21E	3.75	3.32	4.63	16.5	11.5	7.47	6.35	6.12	6.34	5.99E	28
29	4.74E		3.73	3.33	4.78	16.5	11.2	7.42	6.32	6.14	6.33	5.97E	29
30	4.72E		3.69	3.32	4.88	16.5	10.8	7.41	6.28	6.16	6.32	5.96E	30
31	4.70E		3.75		4.92		10.7	7.43		6.17		5.94E	31
TOTAL	153.54	124.60	121.94	103.95	121.98	329.94	442.6	273.72	202.03	190.25	188.46	189.22	TOT
MEAN	4.95	4.45	3.93	3.47	3.93	11.0	14.3	8.83	6.73	6.14	6.28	6.10	MEA
MAX	5.27	4.69	4.20	3.69	4.92	16.5	16.6	10.5	7.44	6.23	6.35	6.28	MAX
MIN	4.70	4.21	3.69	3.32	3.30	4.90	10.7	7.41	6.28	6.07	6.18	5.94	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.69
MAXIMUM DAILY, 16.6 ON JUL 05
MINIMUM DAILY, 3.30 ON MAY 02
MAXIMUM INSTANTANEOUS,
16.6 AT 07:05 MST ON JUL 07

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 10 37 N
LONG 115 11 33 W
DRAINAGE AREA, 3 400 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	38 200
FEB	10 800	AUG	23 600
MAR	10 500	SEP	17 500
APR	8 980	OCT	16 400
MAY	10 500	NOV	16 300
JUN	28 500	DEC	16 300

TOTAL DISCHARGE, 211 000 dam³

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.019B	0.010B	0B	0B	0 B	61.7	7.70	0.624	1.29	3.35	0.307B	0.089B	1
2	0.016B	0.009B	0B	0B	0 B	46.8	6.37	0.655	1.27	3.63	0.293B	0.086B	2
3	0.016B	0.009B	0B	0B	0 B	37.4	5.33	0.717	1.25	3.57	0.280B	0.083B	3
4	0.016B	0.009B	0B	0B	0 B	32.5	4.43	0.768	1.22	2.90 B	0.269B	0.080B	4
5	0.017B	0.008B	0B	0B	0 B	32.6	3.72	0.826	1.16	2.30 B	0.257B	0.077B	5
6	0.017B	0.008B	0B	0B	0 B	31.8	3.12	0.969	1.10	1.95 B	0.247B	0.074B	6
7	0.017B	0.008B	0B	0B	0 B	28.2	2.64	1.30	1.08	1.65 B	0.235B	0.072B	7
8	0.017B	0.007B	0B	0B	0 B	25.4	2.17	1.34	1.14	1.37 B	0.225B	0.069B	8
9	0.016B	0.007B	0B	0B	0 B	25.8	1.84	1.28	1.21	1.20 B	0.216B	0.067B	9
10	0.016B	0.006B	0B	0B	0.100B	25.2	1.62	1.10	1.29	1.08 B	0.207B	0.065B	10
11	0.016B	0.006B	0B	0B	0.120B	23.7	1.46	1.00	1.31	0.990B	0.198B	0.062B	11
12	0.016B	0.005B	0B	0B	0.152B	20.5	1.27	1.06	1.23	0.920B	0.190B	0.060B	12
13	0.015B	0.005B	0B	0B	0.190B	17.4	1.19	0.901	1.18	0.840B	0.182B	0.058B	13
14	0.015B	0.005B	0B	0B	0.245B	14.7	0.994	0.788	1.12	0.780B	0.174B	0.056B	14
15	0.015B	0.004B	0B	0B	0.310B	12.7	0.908	0.645	1.11	0.735B	0.168B	0.054B	15
16	0.015B	0.004B	0B	0B	0.410B	12.1	0.781	0.526	1.10	0.692B	0.161B	0.052B	16
17	0.014B	0.004B	0B	0B	0.520B	11.4	0.682	0.452	1.10	0.650B	0.154B	0.051B	17
18	0.014B	0.004B	0B	0B	0.710B	10.6	0.575	0.403	1.10	0.615B	0.149B	0.049B	18
19	0.014B	0.003B	0B	0B	0.960B	9.89	0.480	0.361	1.13	0.585B	0.142B	0.048B	19
20	0.013B	0.003B	0B	0B	1.36 B	9.13	0.411	0.746	1.16	0.560B	0.137B	0.046B	20
21	0.013B	0.003B	0B	0B	2.00 B	8.40	0.336	1.54	1.17	0.528B	0.131B	0.045B	21
22	0.013B	0.002B	0B	0B	1.80 B	7.85	0.287	2.34	1.19	0.500B	0.127B	0.043B	22
23	0.013B	0.002B	0B	0B	5.00 B	7.46	0.271	2.61	1.30	0.475B	0.122B	0.042B	23
24	0.012B	0.002B	0B	0B	11.0 B	12.8	0.220	2.62	1.47	0.450B	0.117B	0.040B	24
25	0.012B	0.002B	0B	0B	19.0 B	22.0	0.197	2.36	1.87	0.428B	0.113B	0.039B	25
26	0.012B	0.001B	0B	0B	55.0 B	21.2	0.399	2.08	2.28	0.406B	0.108B	0.038B	26
27	0.011B	0.001B	0B	0B	120 B	17.9	0.468	1.90	2.68	0.388B	0.104B	0.037B	27
28	0.011B	0.001B	0B	0B	150 E	14.8	0.562	1.72	2.79	0.370B	0.100B	0.036B	28
29	0.011B		0B	0B	130 E	11.9	0.676	1.58	2.92	0.352B	0.097B	0.035B	29
30	0.010B		0B	0B	104 A	9.53	0.665	1.48	3.12	0.336B	0.093B	0.034B	30
31	0.010B		0B		80.7		0.578	1.37		0.322B		0.033B	31
TOTAL	0.448	0.138	0	0	686.577	623.36	52.350	38.041	44.34	34.922	5.303	1.720	TOTAL
MEAN	0.015	0.005	0	0	22.1	20.8	1.69	1.23	1.48	1.13	0.177	0.056	MEAN
MAX	0.019	0.010	0	0	150 E	61.7	7.70	2.62	3.12	3.63	0.307	0.089	MAX
MIN	0.010	0.001	0	0	0	7.46	0.197	0.361	1.08	0.322	0.093	0.033	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.07
MAXIMUM DAILY, 150E ON MAY 28
MINIMUM DAILY, 0B ON MAR 01

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 24 49 N
LONG 132 41 41 W
DRAINAGE AREA, 852 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38.7	JUL	4 520
FEB	11.9	AUG	3 290
MAR	0	SEP	3 830
APR	0	OCT	3 020
MAY	59 300	NOV	458
JUN	53 900	DEC	149

TOTAL DISCHARGE, 129 000 dam³

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.310B	0.169B	0.084B	0.059B	0.243B	183	99.1	6.54	2.72	12.9	4.58B	1.81 B	1
2	0.302B	0.164B	0.082B	0.059B	0.272B	167	88.8	6.11	2.67	13.6	4.42B	1.75 B	2
3	0.295B	0.160B	0.081B	0.059B	0.300B	156	80.0	5.64	2.60	14.1	4.26B	1.70 B	3
4	0.289B	0.157B	0.080B	0.059B	0.335B	147	72.2	5.39	2.47	14.7	4.13B	1.64 B	4
5	0.282B	0.152B	0.079B	0.059B	0.375B	142	65.5	5.29	2.36	14.6	4.00B	1.60 B	5
6	0.276B	0.148B	0.078B	0.060B	0.435B	137	59.5	5.13	2.33	14.2	3.88B	1.56 B	6
7	0.270B	0.144B	0.077B	0.060B	0.490B	133	53.8	5.11	2.30	13.5	3.75B	1.52 B	7
8	0.265B	0.141B	0.075B	0.060B	0.560B	128	48.6	4.98	2.26	12.0 B	3.64B	1.47 B	8
9	0.260B	0.138B	0.074B	0.061B	0.640B	124	43.7	4.80	2.19	11.0 B	3.53B	1.42 B	9
10	0.255B	0.135B	0.072B	0.061B	0.760B	120	39.9	4.51	2.12	10.3 B	3.43B	1.39 B	10
11	0.250B	0.132B	0.071B	0.062B	0.900B	115	37.3	4.22	2.09	9.65B	3.32B	1.35 B	11
12	0.246B	0.128B	0.070B	0.063B	1.06 B	109	34.0	3.99	2.07	9.20B	3.22B	1.31 B	12
13	0.242B	0.125B	0.069B	0.064B	1.27 B	103	31.1	3.83	2.02	8.70B	3.12B	1.27 B	13
14	0.237B	0.122B	0.068B	0.065B	1.53 B	96.3	28.3	4.81	2.00	8.40B	3.02B	1.23 B	14
15	0.233B	0.120B	0.067B	0.067B	1.88 B	89.7	26.1	4.11	1.97	8.00B	2.93B	1.20 B	15
16	0.229B	0.117B	0.066B	0.069B	2.40 B	83.8	24.1	3.48	2.53	7.75B	2.84B	1.17 B	16
17	0.226B	0.115B	0.065B	0.071B	3.00 B	77.7	21.7	3.26	3.52	7.50B	2.75B	1.14 B	17
18	0.222B	0.112B	0.064B	0.074B	4.00 B	72.3	19.9	3.04	3.74	7.25B	2.67B	1.10 B	18
19	0.219B	0.109B	0.063B	0.077B	5.30 B	68.9	18.0	4.83	4.62	7.00B	2.60B	1.07 B	19
20	0.216B	0.106B	0.062B	0.080B	8.50 B	71.2	16.4	2.95	5.42	6.80B	2.53B	1.04 B	20
21	0.212B	0.103B	0.061B	0.084B	28.0 B	70.9	14.9	3.10	5.73	6.58B	2.43B	1.01 B	21
22	0.210B	0.100B	0.061B	0.089B	78.0 B	69.6	13.6	3.19	6.16	6.37B	2.36B	0.990B	22
23	0.207B	0.098B	0.060B	0.095B	80.0 B	67.5	12.5	3.33	6.79	6.15B	2.29B	0.960B	23
24	0.204B	0.097B	0.060B	0.102B	76.0 B	75.4	11.5	3.36	7.68	5.95B	2.22B	0.940B	24
25	0.201B	0.095B	0.060B	0.110B	73.0 B	124	10.6	3.28	8.50	5.75B	2.16B	0.910B	25
26	0.197B	0.093B	0.060B	0.122B	71.0 A	167	9.89	3.17	9.07	5.55B	2.10B	0.890B	26
27	0.192B	0.091B	0.060B	0.140B	106	168	9.19	3.10	9.45	5.38B	2.03B	0.860B	27
28	0.187B	0.088B	0.059B	0.172B	172	150	8.63	3.07	9.93	5.20B	1.97B	0.840B	28
29	0.182B		0.059B	0.200B	214	129	8.01	2.96	11.0	5.02B	1.92B	0.820B	29
30	0.177B		0.059B	0.216B	223	112	7.51	2.83	12.0	4.87B	1.86B	0.800B	30
31	0.172B		0.059B		205		7.00	2.77		4.74B		0.780B	31
TOTAL	7.265	3.459	2.105	2.621	1 360.250	3 457.3	1 021.33	124.18	140.31	272.71	89.96	37.540	TOTAL
MEAN	0.234	0.124	0.068	0.087	43.9	115	32.9	4.01	4.68	8.80	3.00	1.21	MEAN
MAX	0.310	0.169	0.084	0.216	223	183	99.1	6.54	12.0	14.7	4.58	1.81	MAX
MIN	0.172	0.088	0.059	0.059	0.243	67.5	7.00	2.77	1.97	4.74	1.86	0.780	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.9
MAXIMUM DAILY, 223 ON MAY 30
MINIMUM DAILY, 0.059B ON MAR 28
MAXIMUM INSTANTANEOUS,
226 AT 06:54 MST ON MAY 30

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 44 04 N
LONG 124 37 22 W
DRAINAGE AREA, 4 740 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	628	JUL	88 200
FEB	299	AUG	10 700
MAR	182	SEP	12 100
APR	226	OCT	23 600
MAY	118 000	NOV	7 770
JUN	299 000	DEC	3 240

TOTAL DISCHARGE, 564 000 dam³

NORTHWEST TERRITORIES

WHITESAND RIVER NEAR ALTA/NWT BOUNDARY - STATION NO. 07PA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	0.227B	0.510B	0.450B	49.4	33.1	13.4	23.3	29.6	16.9	5.20B	2.73 B	1
2	1.35 B	0.210B	0.496B	0.466B	48.3	30.0	12.2	37.3	26.7	16.3	5.10B	2.62 B	2
3	1.30 B	0.211B	0.492B	0.461B	47.0	27.0	9.66	45.4	24.4	15.3	5.00B	2.47 B	3
4	1.25 B	0.214B	0.495B	0.475B	52.9	24.3	7.54	43.6	23.1	14.9	4.92B	2.39 B	4
5	1.20 B	0.213B	0.497B	0.486B	74.9	22.6	6.24	36.9	22.6	14.4	4.84B	2.33 B	5
6	1.16 B	0.220B	0.493B	0.497B	116	22.3	5.53	30.2	23.1	14.2	4.76B	2.25 B	6
7	1.12 B	0.216B	0.497B	0.536B	118	25.8	5.64	25.6	22.7	14.0	4.68B	2.21 B	7
8	1.08 B	0.211B	0.494B	0.561B	105	23.1	5.65	24.0	22.2	13.0	4.58B	2.17 B	8
9	1.04 B	0.205B	0.496B	0.564B	91.6	28.1	5.44	27.2	23.1	12.4	4.48B	2.06 B	9
10	1.00 B	0.202B	0.498B	0.521B	79.9	27.6	5.55	26.0	23.1	12.2	4.38B	2.05 B	10
11	0.960B	0.202B	0.486B	0.507B	69.5	24.9	5.62	23.4	21.9	11.0 B	4.30B	1.98 B	11
12	0.920B	0.206B	0.453B	0.520B	62.3	22.0	5.79	21.2	20.6	10.0 B	4.20B	1.93 B	12
13	0.890B	0.228B	0.446B	0.502B	56.3	19.0	7.68	19.6	20.0	9.60B	4.10B	1.89 B	13
14	0.860B	0.245B	0.432B	0.480B	52.1	16.6	58.1	21.6	19.3	9.00B	4.00B	1.84 B	14
15	0.830B	0.239B	0.416B	0.474B	48.7	14.6	277	20.5	18.2	8.40B	3.92B	1.79 B	15
16	0.800B	0.274B	0.409B	0.451B	46.5	12.7	183	18.0	17.1	7.80B	3.84B	1.69 B	16
17	0.760B	0.363B	0.402B	0.470B	45.2	11.1	137	15.5	15.9	7.20B	3.76B	1.62 B	17
18	0.720B	0.385B	0.421B	0.707B	44.7	9.74	113	14.7	14.8	6.80B	3.68B	1.54 B	18
19	0.680B	0.351B	0.422B	2.05 B	43.0	9.26	89.8	13.7	14.5	6.40B	3.60B	1.44 B	19
20	0.640B	0.324B	0.413B	16.5 B	40.9	9.22	71.1	12.8	15.3	6.30B	3.52B	1.33 B	20
21	0.600B	0.289B	0.409B	31.0 B	38.2	9.67	57.2	12.6	19.4	6.20B	3.44B	1.23 B	21
22	0.560B	0.288B	0.408B	51.2 B	36.7	8.83	47.4	12.2	20.1	6.06B	3.36B	1.17 B	22
23	0.520B	0.293B	0.395B	100 B	37.8	7.81	43.6	11.9	19.8	5.98B	3.28B	1.12 B	23
24	0.480B	0.310B	0.377B	96.0 B	38.9	6.56	38.6	59.3	18.6	5.90B	3.20B	1.06 B	24
25	0.440B	0.396B	0.365B	90.0 B	39.5	5.77	33.5	68.2	17.3	5.80B	3.14B	1.04 B	25
26	0.400B	0.432B	0.319B	83.5 A	47.8	4.94	29.1	61.0	15.8	5.76B	3.08B	1.01 B	26
27	0.360B	0.443B	0.293B	78.8	53.8	4.62	26.0	51.8	15.0	5.68B	3.00B	1.01 B	27
28	0.330B	0.494B	0.302B	69.6	50.9	5.09	31.6	45.5	14.8	5.58B	2.92B	0.998B	28
29	0.300B		0.361B	57.9	45.1	12.6	30.8	43.8	16.0	5.48B	2.86B	0.977B	29
30	0.270B		0.423B	53.1	39.3	13.1	27.8	38.9	17.3	5.40B	2.79B	0.952B	30
31	0.253B		0.449B		35.4		24.2	33.6		5.30B		0.926B	31
TOTAL	24.473	7.901	13.371	738.778	1 755.6	489.11	1 415.04	942.6	592.3	289.24	117.93	51.823	TOTAL
MEAN	0.790	0.282	0.431	24.6	56.6	16.3	45.6	30.4	19.7	9.33	3.93	1.67	MEAN
MAX	1.40	0.494	0.510	100	118	33.1	277	68.2	29.6	16.9	5.20	2.73	MAX
MIN	0.253	0.202	0.293	0.450	35.4	4.62	5.44	12.2	14.5	5.30	2.79	0.926	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.6
MAXIMUM DAILY, 277 ON JUL 15
MINIMUM DAILY, 0.202B ON FEB 10
MAXIMUM INSTANTANEOUS,
322 AT 10:15 MST ON JUL 15

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 00 17 N
LONG 115 34 44 W
DRAINAGE AREA, 3 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 110	JUL	122 000
FEB	683	AUG	81 400
MAR	1 160	SEP	51 200
APR	63 800	OCT	25 000
MAY	152 000	NOV	10 200
JUN	42 300	DEC	4 480

TOTAL DISCHARGE, 556 000 dam³

WILLOWLAKE RIVER ABOVE METAHDALI CREEK - STATION NO. 10GB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.09B	7.00B	5.80B	4.68B	51.5B	140	102	77.2	216	130	28.9B	13.5 B	1
2	9.20B	6.90B	5.60B	4.61B	61.9B	132	92.6	155	217	125	29.2B	13.8 B	2
3	9.06B	6.75B	5.30B	4.52B	91.3B	124	84.3	453	206	121	27.8B	14.4 B	3
4	8.89B	6.60B	5.25B	4.42B	132 B	116	75.8	559	194	117	26.7B	14.2 B	4
5	8.84B	6.41B	5.40B	4.52B	150 B	114	69.3	523	185	111	26.0B	14.0 B	5
6	8.69B	6.35B	5.60B	4.76B	160 B	119	64.5	445	176	106	25.5B	13.7 B	6
7	8.44B	6.30B	5.70B	4.97B	170 B	132	61.5	399	168	99.5	25.3B	13.5 B	7
8	8.46B	6.25B	5.60B	5.31B	177 B	164	58.4	417	160	92.9	25.0B	13.3 B	8
9	8.54B	6.20B	5.40B	5.65B	182 B	204	54.7	433	154	89.4	24.0B	13.1 B	9
10	8.65B	6.05B	5.20B	5.86B	184 E	234	50.8	414	150	87.8	23.5B	13.0 B	10
11	8.43B	6.27B	5.00B	6.11B	180 E	245	47.2	359	149	84.5	23.0B	12.8 B	11
12	8.31B	6.35B	4.90B	6.28B	176 E	234	44.1	304	152	78.0	22.0B	12.6 B	12
13	8.24B	6.38B	4.80B	7.49B	171 E	210	42.7	271	157	70.3	21.0B	12.5 B	13
14	8.19B	6.10B	4.95B	7.81B	166 E	187	48.9	251	165	53.9	20.0B	12.2 B	14
15	8.15B	6.00B	5.05B	7.83B	162 E	167	70.0	229	169	58.7	19.8B	12.0 B	15
16	8.10B	6.20B	5.20B	8.19B	158 E	153	175	208	170	63.7	19.6B	11.8 B	16
17	8.02B	6.30B	5.30B	8.50B	152 E	145	185	195	165	50.0	19.3B	11.7 B	17
18	8.00B	6.25B	5.25B	8.97B	150 E	145	161	200	157	44.1B	19.0B	11.5 B	18
19	7.95B	6.15B	5.20B	10.1 B	148 E	148	141	208	148	38.0B	18.7B	11.3 B	19
20	7.90B	6.00B	5.10B	10.4 B	146 E	157	123	224	142	33.2B	18.2B	11.1 B	20
21	7.85B	5.90B	5.00B	11.3 B	145 E	158	107	226	136	29.2B	17.5B	11.0 B	21
22	7.80B	5.70B	4.90B	12.3 B	146 E	149	94.2	214	132	35.9B	16.7B	10.8 B	22
23	7.75B	5.60B	4.80B	14.0 B	147 A	140	83.2	204	127	36.0B	16.1B	10.7 B	23
24	7.70B	5.45B	4.90B	15.5 B	151	133	77.2	199	122	35.9B	14.7B	10.5 B	24
25	7.70B	5.50B	4.80B	16.7 B	160	130	73.0	189	118	32.5B	13.6B	10.3 B	25
26	7.65B	5.55B	4.70B	18.5 B	171	129	68.0	179	113	33.7B	12.8B	10.1 B	26
27	7.60B	5.60B	4.80B	21.0 B	172	126	63.4	166	115	36.1B	12.3B	10.0 B	27
28	7.55B	5.70B	4.90B	22.9 B	165	123	59.8	156	119	30.9B	12.4B	9.90B	28
29	7.45B		4.95B	31.1 B	158	118	59.4	153	125	31.4B	12.6B	9.85B	29
30	7.25B		4.90B	40.9 B	150	110	65.6	164	131	31.1B	13.0B	9.75B	30
31	7.10B		4.87B		146		68.2	190		30.3B		9.70B	31
TOTAL	252.55	171.81	159.12	335.18	4 679.7	4 586	2 571.0	8 364.2	4 638	2 013.0	604.2	368.60	TOTAL
MEAN	8.15	6.14	5.13	11.2	151	153	82.9	270	155	64.9	20.1	11.9	MEAN
MAX	9.20	7.00	5.80	40.9	184	245	185	559	217	130	29.2	14.4	MAX
MIN	7.10	5.45	4.70	4.42	51.5	110	42.7	77.2	113	29.2	12.3	9.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.7
MAXIMUM DAILY, 559 ON AUG 04
MINIMUM DAILY, 4.42B ON APR 04
MAXIMUM INSTANTANEOUS,
566 AT 13:10 MST ON AUG 04

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 39 01 N
LONG 122 53 51 W
DRAINAGE AREA, 20 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 800	JUL	222 000
FEB	14 800	AUG	723 000
MAR	13 700	SEP	401 000
APR	29 000	OCT	174 000
MAY	404 000	NOV	52 200
JUN	396 000	DEC	31 800

TOTAL DISCHARGE, 2 480 000 dam³

REMARKS - FORMERLY PUBLISHED AS "NEAR THE MOUTH"

YATHKYED LAKE NEAR KAZAN RIVER INLET - STATION NO. 06LC004

DAILY WATER LEVEL IN METRES FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	197.853E	197.900	198.446	198.295	198.007	197.746	197.645	197.673	1
2	---	---	---	---	197.849E	197.940	198.441	198.295	198.002	197.756	197.642	197.674	2
3	---	---	---	---	197.844E	197.979	198.443	198.284	197.942	197.782	197.640	197.674	3
4	---	---	---	---	197.839E	198.020	198.439	198.268	197.952	197.756	197.640	197.674	4
5	---	---	---	---	197.835E	198.056	198.433	198.255	197.955A	197.739	197.639	197.679	5
6	---	---	---	---	197.830A	198.090	198.428	198.256	197.923	197.715	197.637	197.681	6
7	---	---	---	---	197.825	198.125	198.419	198.262	197.884	197.707	197.640	197.680	7
8	---	---	---	---	197.824	198.160	198.414	198.239	197.881	197.703	197.642	197.686	8
9	---	---	---	---	197.819	198.191	198.406	198.207	197.899	197.724	197.644	197.686	9
10	---	---	---	---	197.811	198.219	198.403	198.221	197.879	197.687	197.640	197.686	10
11	---	---	---	---	197.807	198.236	198.393	198.212	197.869	197.689	197.637	197.685	11
12	---	---	---	---	197.804	198.258	198.382	198.204	197.885	197.698	197.639	197.685A	12
13	---	---	---	---	197.805	198.272	198.371	198.186	197.891	197.696	197.642	197.686E	13
14	---	---	---	---	197.806	198.291	198.371	198.147	197.878	197.692	197.650	197.687E	14
15	---	---	---	---	197.804	198.313	198.377	198.127	197.865	197.699	197.650	197.688E	15
16	---	---	---	---	197.804	198.332	198.378	198.137	197.854	197.695	197.653	197.689E	16
17	---	---	---	---	197.804	198.352	198.370	198.164	197.849	197.690	197.656	197.690E	17
18	---	---	---	---	197.803	198.368	198.359	198.148	197.866	197.689	197.655	197.691E	18
19	---	---	---	---	197.803	198.377	198.350	198.132	197.831	197.684	197.660	197.692E	19
20	---	---	---	---	197.801	198.388	198.342	198.103	197.830	197.679	197.662	197.692E	20
21	---	---	---	---	197.796	198.401	198.334	198.087	197.822	197.676	197.662	197.693E	21
22	---	---	---	---	197.797	198.416	198.320	198.102	197.806	197.673	197.662	197.693E	22
23	---	---	---	---	197.794	198.423	198.312	198.097	197.795	197.670	197.662	197.694E	23
24	---	---	---	---	197.790	198.432	198.304	198.087	197.826	197.671	197.662	197.695E	24
25	197.846A	---	---	---	197.783	198.438	198.296	198.048	197.828	197.670	197.663	197.696E	25
26	---	---	---	---	197.781	198.439	198.288	198.042	197.806	197.662	197.660	197.697E	26
27	---	---	---	---	197.780	198.442	198.287	198.053	197.789	197.653	197.667	197.698E	27
28	---	---	---	---	197.785	198.445	198.287	198.048	197.778	197.653	197.668	197.699E	28
29	---		---	---	197.799	198.445	198.250	198.006	197.765	197.652	197.672	197.699E	29
30	---		---	---	197.819	198.447	198.286	198.024	197.755	197.647	197.673	197.700E	30
31	---		---	---	197.857		198.291	198.006		197.646		197.700E	31
MEAN	---	---	---	---	197.811	198.273	198.362	198.153	197.864	197.693	197.652	197.688	MEAN
MAX	---	---	---	---	197.857	198.447	198.446	198.295	198.007	197.782	197.673	197.700	MAX
MIN	---	---	---	---	197.780	197.900	198.250	198.006	197.755	197.646	197.637	197.673	MIN

SUMMARY FOR THE YEAR 1990

WATER LEVELS IN METRES

MAXIMUM DAILY, 198.447 ON JUN 30
MINIMUM DAILY, 197.637 ON NOV 06
MAXIMUM INSTANTANEOUS,
198.455 AT 19:25 CST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 41 50 N
LONG 098 18 20 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

REMARKS - 1979 B.M. (ASSUMED DATUM NO. 1) DESTROYED

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.0	21.7	20.4	18.7	17.8	22.1	25.7	53.4	44.9	36.9	33.1	30.7	1
2	22.9	21.9	20.4	18.7	17.8	22.1	25.3	53.3	44.2	36.4	33.0	30.6	2
3	23.0	22.0	20.5	18.8	17.7	22.2	25.6	52.9	43.8	36.1	32.6	30.6	3
4	22.9	21.9	20.5	18.8	17.8	22.4	25.7	52.5	43.7	35.9	32.6	30.9	4
5	22.8	21.7	20.4	18.8	17.8	22.3	26.2	52.1	43.0	35.7	32.6	31.0	5
6	22.6	21.6	20.2	18.8	17.8	22.6	26.8	51.7	43.1	35.4	32.7	30.9	6
7	22.6	21.5	20.2	18.8	17.9	22.8	27.5	51.9	43.5	35.2	32.6	31.2	7
8	22.6	21.4	20.1	18.7	18.0	22.8	28.6	51.4	42.5	35.2	32.2	31.4	8
9	22.6	21.3	20.0	18.6	17.9	22.8	30.2	50.9	42.0	35.3	31.9	31.4	9
10	22.7	21.4	20.0	18.5	18.0	22.8	32.1	50.6	41.6	35.3	31.6	31.4	10
11	22.5	21.4	20.0	18.4	18.4	23.0	34.4	50.0	41.4	35.2	31.4	31.4	11
12	22.4	21.5	20.1	18.4	18.7	23.9	37.1	49.7	41.2	34.8	31.6	31.4	12
13	22.4	21.4	20.0	18.3	19.0	23.0	40.8	49.4	41.1	34.4	31.8	31.5	13
14	22.4	21.3	19.9	18.3	19.1	23.1	45.7	48.9	40.8	34.2	31.9	31.4	14
15	22.3	21.3	19.7	18.2	19.3	23.2	47.8	48.2	40.6	33.9	31.9	31.2	15
16	22.2	21.4	19.6	18.1	19.5	23.4	49.5	47.8	39.1	33.6	31.8	31.1	16
17	22.1	21.3	19.5	18.1	19.6	23.7	50.8	47.5	39.4	33.7	31.8	30.9	17
18	22.0	21.3	19.5	18.0	19.6	23.9	51.9	47.2	39.5	33.5	31.7	30.9	18
19	21.9	21.3	19.5	18.1	19.8	24.0	52.9	47.6	40.7	33.1	31.7	30.8	19
20	22.4	21.3	19.4	18.1	19.8	24.0	53.4	47.4	39.6	33.1	31.8	30.9	20
21	22.5	21.1	19.3	18.1	20.0	24.2	54.2	47.1	39.1	33.2	31.6	30.9	21
22	22.5	21.1	19.2	18.2	20.2	24.3	54.7	46.7	38.7	32.8	31.6	30.8	22
23	22.5	21.1	19.1	18.2	20.4	24.4	55.0	46.3	38.7	32.6	31.7	30.4	23
24	22.5	21.0	19.0	18.1	20.7	24.4	55.0	45.8	38.3	33.1	31.5	30.3	24
25	22.0	21.3	18.9	18.1	20.8	24.4	55.1	45.4	38.1	33.2	31.4	30.2	25
26	21.9	21.0	18.8	18.0	20.9	23.3	54.8	44.9	38.1	32.8	31.3	30.4	26
27	22.0	21.0	18.7	18.1	21.1	24.2	54.7	44.8	36.4	33.0	31.2	30.2	27
28	22.1	20.8	18.7	18.0	20.5	24.7	54.5	44.4	38.3	33.5	31.0	29.9	28
29	22.1		18.6	17.9	20.8	24.9	54.5	44.4	38.0	33.5	31.0	30.1	29
30	22.0		18.7	17.8	22.8	26.1	53.8	44.7	37.1	33.3	30.8	30.2	30
31	21.8		18.8		22.4		53.4	44.2		33.2		30.2	31
TOTAL	693.3	598.4	607.7	549.7	601.9	704.0	1 337.7	1 503.1	1 216.5	1 061.1	955.4	955.2	TOTAL
MEAN	22.4	21.4	19.6	18.3	19.4	23.5	43.2	48.5	40.6	34.2	31.8	30.8	MEAN
MAX	23.0	22.0	20.5	18.8	22.8	26.1	55.1	53.4	44.9	36.9	33.1	31.5	MAX
MIN	21.8	20.8	18.6	17.8	17.7	22.1	25.3	44.2	36.4	32.6	30.8	29.9	MIN

SUMMARY FOR THE YEAR 1990

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.5
MAXIMUM DAILY, 55.1 ON JUL 25
MINIMUM DAILY, 17.7 ON MAY 03
MAXIMUM INSTANTANEOUS,
55.4 AT 14:13 MST ON JUL 25

DATA CONTRIBUTED BY -
COMINCO LIMITED

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 62 40 10 N
LONG 114 15 45 W
DRAINAGE AREA, 11 300 km²

REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	59 900	JUL	116 000
FEB	51 700	AUG	130 000
MAR	52 500	SEP	105 000
APR	47 500	OCT	91 700
MAY	52 000	NOV	82 500
JUN	60 800	DEC	82 500

TOTAL DISCHARGE, 932 000 dam³

NORTHWEST TERRITORIES

YELLOWKNIFE RIVER AT OUTLET FROM PROSPEROUS LAKE - STATION NO. 07SB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1990

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27.5	25.0E	22.4E	19.1E	16.5E	26.4	32.4	68.2	57.4	48.5	43.3	39.8
2	27.1	24.8E	22.3E	19.0E	16.5E	26.6	32.6	68.5	57.4	48.1	43.1	39.5
3	26.9	24.7E	22.2E	18.8E	16.6E	26.9	32.6	69.0	57.0	47.8	43.0	39.5
4	26.7	24.6E	22.1E	18.7A	16.7A	27.1	32.9	67.7	56.8	47.5	43.0	39.9
5	26.7	24.4E	22.0E	18.6E	17.1	27.3	32.8	67.6	56.7	47.4	42.8	39.3
6	26.8	24.3E	21.9E	18.4E	17.4	27.4	33.3	66.9	56.1	47.0	42.8	39.5
7	26.7	24.2E	21.8E	18.3E	17.4	27.8	33.9	67.5	56.2	46.6	42.9	40.2
8	26.7	24.2E	21.7E	18.2E	17.6	28.1	34.5	66.5	55.7	46.3	42.6	40.3
9	27.0	24.1E	21.7E	18.0E	17.7	28.2	35.2	66.0	55.2	47.1	42.2	40.0
10	26.9	24.0E	21.6E	17.8E	17.6	28.7	36.7	65.6	55.0	46.8	41.9	40.2
11	26.5	23.9E	21.5E	17.7E	17.8	28.8	38.7	65.2	54.3	46.1	41.3	40.0
12	26.5	23.8E	21.5E	17.6E	18.1	29.1	40.8	65.3	53.9	45.6	41.5	40.0
13	26.4	23.8E	21.4E	17.4E	18.6	28.9	44.0	64.8	53.5	45.4	41.7	40.1
14	26.6	23.7E	21.3A	17.3E	19.1	29.1	49.1	64.1	53.2	45.2	41.6	40.2
15	26.5	23.6A	21.2E	17.2E	19.4	29.5	51.9	63.4	53.2	44.8	41.5	39.7
16	26.4	23.5E	21.1E	17.0E	19.8	29.8	54.7	62.4	53.0	44.6	41.9	39.3
17	26.3	23.5E	20.9E	16.9E	20.2	30.2	56.9	61.0	52.2	44.3	41.9	39.1
18	26.1	23.4E	20.8E	16.7E	20.7	30.4	59.2	59.3	51.7	44.2	41.4	39.0
19	26.1	23.3E	20.7E	16.6E	20.9	30.7	61.4	59.3	51.4	44.1	41.1	38.9
20	26.4	23.2E	20.5E	16.5E	21.4	31.0	63.1	59.1	51.5	43.9	41.1	38.4
21	26.8	23.1E	20.4E	16.5E	21.9	31.1	64.5	59.5	51.1	43.5	41.3	38.8
22	26.8	23.1E	20.3E	16.5E	22.4	31.3	66.0	59.1	51.0	43.4	41.3	38.6
23	26.4	23.0E	20.2E	16.4E	22.9	31.6	66.8	59.6	50.8	43.1	41.3	37.9
24	25.6	22.9E	20.0E	16.4E	23.2	31.5	67.2	60.1	50.8	43.4	40.9	37.7
25	25.8	22.8E	19.9E	16.3E	23.8	31.7	67.6	59.8	50.7	43.9	40.6	37.4
26	25.2A	22.7E	19.8E	16.4E	24.3	31.5	68.5	59.2	50.4	43.7	40.4	37.5
27	25.2E	22.6E	19.7E	16.4E	24.8	31.0	68.5	58.3	49.8	43.0	40.3	37.2
28	25.3E	22.5E	19.6E	16.4E	25.0	31.9	68.6	57.9	48.2	43.6	40.2	36.4
29	25.3E		19.4E	16.5E	24.7	31.9	68.2	58.1	49.2	43.6	40.1	36.2A
30	25.2A		19.3E	16.5E	25.3	31.7	68.2	58.4	48.8	43.3	40.0	36.3
31	25.0A		19.2E		26.1		68.0	57.9		43.4		36.2
TOTAL	815.4	662.7	648.4	520.1	631.5	887.2	1 596.9	1 944.5	1 592.2	1 399.2	1 249.2	1 203.1
MEAN	26.3	23.7	20.9	17.3	20.4	29.6	51.5	62.7	53.1	45.1	41.6	38.8
MAX	27.5	25.0	22.4	19.1	26.1	31.9	68.6	68.7	57.4	48.5	43.3	40.3
MIN	25.0	22.5	19.2	16.3	16.5	26.4	32.0	57.9	48.2	43.0	40.0	36.2

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.0
MAXIMUM DAILY, 68.7 ON AUG 02
MINIMUM DAILY, 16.3E ON APR 25
MAXIMUM INSTANTANEOUS,
69.2 AT 00:32 MST ON AUG 02

SUMMARY FOR THE YEAR 1990

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 29 29 N
LONG 113 31 29 W
DRAINAGE AREA, 16 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	70 500	JUL	138 000
FEB	57 300	AUG	168 000
MAR	56 000	SEP	138 000
APR	44 900	OCT	121 000
MAY	54 600	NOV	108 000
JUN	76 700	DEC	104 000

TOTAL DISCHARGE, 1 140 000 dam³

REMARKS - FLOW DATA DERIVED FROM WATER LEVEL DATA OBTAINED AT STATION NO. 07SB014

NAME	STATION NO.	PAGE
YUKON TERRITORY		
AISHIHIK LAKE NEAR WHITEHORSE	08AA005	1
AISHIHIK RIVER BELOW AISHIHIK LAKE	08AA010	1
ALSEK RIVER ABOVE BATES RIVER	08AB001	2
BABBAGE RIVER BELOW CARIBOU CREEK	10MD002	2
BEAVER RIVER BELOW WHITEFISH RIVER	10BD001	3
BENNETT LAKE AT CARCROSS	09AA004	3
BIG CREEK AT KM 1084.8 ALASKA HIGHWAY	10AA005	4
BIG CREEK NEAR THE MOUTH	09AH003	4
BIG SALMON RIVER NEAR CARMACKS	09AG001	5
BLACKSTONE RIVER NEAR CHAPMAN LAKE AIRSTRIP	10MA003	5
BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	6
DEZADEASH RIVER AT HAINES JUNCTION	08AA003	6
DONJEK RIVER BELOW KLUANE RIVER	09CA003	7
DUKE RIVER NEAR THE MOUTH	09CA004	7
EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE	09FB002	8
FIRTH RIVER NEAR THE MOUTH	10MD001	8
FORTYMILE RIVER NEAR THE MOUTH	09EC002	9
FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY	10AB002	9
FRANCES RIVER NEAR WATSON LAKE	10AB001	10
GILTANA CREEK NEAR THE MOUTH	08AA009	10
HESS RIVER ABOVE EMERALD CREEK	09DA001	11
HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD	10AD002	11
IBEX RIVER NEAR WHITEHORSE	09AC007	12
INDIAN RIVER ABOVE THE MOUTH	09EB003	12
KLONDIKE RIVER ABOVE BONANZA CREEK	09EA003	13
KLUANE RIVER AT OUTLET OF KLUANE LAKE	09CA002	13
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LITTLE SOUTH KLONDIKE RIVER BELOW ROSS CREEK	09EA005	14
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MACMILLAN RIVER NEAR THE MOUTH	09BB002	16
MARSH LAKE NEAR WHITEHORSE	09AB004	16
MAYO LAKE NEAR THE OUTLET	09DC005	17
MCQUESTEN RIVER NEAR THE MOUTH	09DD004	17
NISUTLIN RIVER ABOVE WOLF RIVER	09AD001	18
NORDENSKIOLD RIVER BELOW ROWLINSON CREEK	09AH004	18
NORTH KLONDIKE RIVER NEAR THE MOUTH	09EA004	19
OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY	10MA002	19
OLD CROW RIVER NEAR THE MOUTH	09FC001	20
PEEL RIVER ABOVE CANYON CREEK	10MA001	20
PELLY RIVER AT PELLY CROSSING	09BC001	21
PELLY RIVER BELOW FORTIN CREEK	09BA002	21
PELLY RIVER BELOW VANGORDA CREEK	09BC004	22
PORCUPINE RIVER AT OLD CROW	09FD001	22
PORCUPINE RIVER BELOW BELL RIVER	09FB001	23
PORCUPINE RIVER NEAR INTERNATIONAL BOUNDARY	09FD002	23
RANCHERIA RIVER NEAR THE MOUTH	10AA004	24
ROSS RIVER AT ROSS RIVER	09BA001	24
SEKULMUN LAKE NEAR WHITEHORSE	08AA007	25
SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE	08AA008	25
SIDNEY CREEK AT KILOMETRE 46 SOUTH CANOL ROAD	09AD002	26
SNAG CREEK AT KM 1945.6 ALASKA HIGHWAY	09CB002	26
SNAKE RIVER NEAR THE MOUTH	10MB003	27
SOUTH BIG SALMON RIVER BELOW LIVINGSTONE CREEK	09AG003	27
SOUTH MACMILLAN RIVER AT KILOMETRE 407 CANOL ROAD	09BB001	28
STEWART RIVER ABOVE FRASER FALLS	09DC003	28
STEWART RIVER AT THE MOUTH	09DD003	29
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TAKHANNE RIVER AT KM 167 HAINES HIGHWAY	08AC001	30
TAKHINI RIVER NEAR WHITEHORSE	09AC001	30
TATSHENSHINI RIVER NEAR DALTON POST	08AC002	31
TAY RIVER NEAR THE MOUTH	09BC005	31
TESLIN LAKE AT TESLIN	09AE002	32
TESLIN RIVER NEAR TESLIN	09AE001	32
TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY	10AA002	33
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WHEATON RIVER NEAR CARCROSS	09AA012	34
WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY	09CB001	34
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YUKON RIVER ABOVE WHITE RIVER	09CD001	36
YUKON RIVER AT CARMACKS	09AH001	36
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YUKON RIVER AT EAGLE	09ED001	37
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